

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. 1031	3. EFFECTIVE DATE Same as Block 16c	4. REQUISITION/PURCHASE REQ. NO. See page 4	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058 281-244-2492/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
CSC Applied Technologies LLC
Attn: Kevin Cummings
2101 NASA Parkway
Houston, TX 77058

CODE (x)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$199,452.57

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. 2.) Increase the amount available for funding purposes (as shown on page 3) by \$199,452.57 and recapitulate prior funding. 3.) Provisionally increase the estimated cost by \$67,600.00 (as shown on page 2) for the base period to cover costs in excess of the contract value. This provisional increase does not affect the right of either party to effect a definitive adjustment to the estimated cost in accordance with other applicable provisions of the contract. No adjustment in fee shall be made relative to the provisional increase in estimated cost. This modification shall be definitized by March 31, 2006.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>/s/ Venessa Jankowski</u> (Signature of Contracting Officer)	16C. DATE SIGNED 2/21/06

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 3260 is \$36,960,518.50 as of February 16, 2006.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$41,507,460.47."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$12,609,639.00. The maximum available award fee, excluding base fee, if any, is \$503,873.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$13,113,512.00. This allotment covers Task Orders 800 through 1548 as of February 16, 2006.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$13,336,534.23. An additional amount of \$547,299.33 is obligated under this contract for payment of fee, for a total of \$13,883,833.56."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81) (JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$129,470,218.19. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through April 28, 2006.

(b) An additional amount of \$2,836,313.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section B.5 is replaced in its entirety with the following to reflect the provisional increase:

"B.5 ESTIMATED COST AND AWARD FEE (NASA 1852.216-85) (SEPTEMBER 1993)

The estimated cost of Annexes 1-5 and 8-12 is \$129,470,219. The maximum available award fee, excluding base fee, if any is \$3,087,001. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are \$132,557,220."

E. Contract Value Recapitulation – Cost Reimbursable:

	Estimated Cost	Award Fee	Total
Prior Contract Value:	\$129,402,619.00	\$3,087,001.00	\$132,489,620.00
This Modification:	\$ 67,600.00	\$ 0.00	\$ 67,600.00
Revised Contract Value:	\$129,470,219.00	\$3,087,001.00	\$132,557,220.00

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$41,453,914.15	
This Action	\$116,853.32	
	<u>-\$63,307.00</u>	Transfer to Annex 13 PR#4200136961
New Obligation	\$41,507,460.47	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$13,260,662.23	\$544,864.33	\$13,805,526.56	
This Action	\$15,000.00	\$0.00	\$15,000.00	
	<u>\$60,872.00</u>	<u>\$2,435.00</u>	<u>\$63,307.00</u>	Transferred from Annex 6 PR#4200136961
New Obligation	\$13,336,534.23	\$547,299.33	\$13,883,833.56	

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$129,402,618.94	\$2,836,313.73	\$132,238,932.67
This Action	<u>\$67,599.25</u>	<u>\$0.00</u>	<u>\$67,599.25</u>
New Obligation	\$129,470,218.19	\$2,836,313.73	\$132,306,531.92

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$16,636,393.68
This Action	<u>\$0.00</u>
New Obligation	\$16,636,393.68

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>
Prior Obligation	\$2,190,295.40
This Action	<u>\$0.00</u>
New Obligation	\$2,190,295.40

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$202,943,884.40	\$3,381,178.06	\$206,325,062.46
This Action	<u>\$197,017.57</u>	<u>\$2,435.00</u>	<u>\$199,452.57</u>
New Obligation	\$203,140,901.97	\$3,383,613.06	\$206,524,515.03

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200146166	\$61,515.00			
4200146705	\$6,084.25			
		<u>Estimated Costs</u>	<u>Award Fee</u>	<u>Total</u>
TOTAL	\$67,599.25	\$67,599.25	\$0.00	\$67,599.25

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200145696	\$116,853.32
TOTAL	\$116,853.32

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200145696	\$15,000.00		\$15,000.00
			\$0.00
	\$15,000.00	\$0.00	\$15,000.00

	TOTAL	\$199,452.57
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. 1030		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 4	
5. PROJECT NO. (If applicable)					
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058 281-244-2492/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)

CSC Applied Technologies LLC

Attn: Kevin Cummings

2101 NASA Parkway

Houston, TX 77058

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$16,296,342.45

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. 2.) Increase the amount available for funding purposes (as shown on page 4) by \$16,296,342.45 and recapitulate prior funding. 3.) Provisionally increase the estimated cost by \$10,257,954.00 (as shown on page 2) for the base period to cover costs in excess of the contract value. This provisional increase does not affect the right of either party to effect a definitive adjustment to the estimated cost in accordance with other applicable provisions of the contract. No adjustment in fee shall be made relative to the provisional increase in estimated cost. This modification shall be definitized by March 31, 2006.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>/s/ Venessa Jankowski</u> (Signature of Contracting Officer)	16C. DATE SIGNED 2/7/06

A. Section 3.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 3223 is \$36,464,421.30 as of February 03, 2006.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$41,453,914.15."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$12,519,432.00. The maximum available award fee, excluding base fee, if any, is \$500,265.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$13,019,697.00. This allotment covers Task Orders 800 through 1547 as of February 6, 2006.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$13,260,662.23. An additional amount of \$544,864.33 is obligated under this contract for payment of fee, for a total of \$13,805,526.56."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81) (JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$129,402,618.94. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through April 28, 2006.

(b) An additional amount of \$2,836,313.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section B.5 is replaced in its entirety with the following to reflect the provisional increase:

"B.5 ESTIMATED COST AND AWARD FEE (NASA 1852.216-85) (SEPTEMBER 1993)

The estimated cost of Annexes 1-5 and 8-12 is \$129,402,619. The maximum available award fee, excluding base fee, if any is \$3,087,001. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are \$132,489,620."

E. Contract Value Recapitulation – Cost Reimbursable:

	Estimated Cost	Award Fee	Total
Prior Contract Value:	\$119,144,665.00	\$3,087,001.00	\$122,231,666.00
This Modification:	\$ 10,257,954.00	\$ 0.00	\$ 10,257,954.00
Revised Contract Value:	\$129,402,619.00	\$3,087,001.00	\$132,489,620.00

F. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITION

(a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$2,190,295.40. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through March 31, 2006."

G. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77) (MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$16,636,393.68 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$37,658,790.70	
This Action	\$3,874,375.45	
	<u>-\$74,252.00</u>	Transfer to Annex 13 PR#4200136961
	<u>-\$5,000.00</u>	Transfer to Annex 13 PR#4200142237
New Obligation	\$41,453,914.15	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$12,604,554.23	\$518,620.33	\$13,123,174.56	
This Action	\$579,712.00	\$23,388.00	\$603,100.00	
	\$71,396.00	\$2,856.00	\$74,252.00	Transferred from Annex 6 PR#4200136961
	<u>\$5,000.00</u>	<u>\$0.00</u>	<u>\$5,000.00</u>	Transferred from Annex 6 PR#4200142237
New Obligation	\$13,260,662.23	\$544,864.33	\$13,805,526.56	

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$119,144,664.67	\$2,836,313.73	\$121,980,978.40
This Action	<u>\$10,257,954.27</u>	<u>\$0.00</u>	<u>\$10,257,954.27</u>
New Obligation	\$129,402,618.94	\$2,836,313.73	\$132,238,932.67

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$15,291,074.68
This Action	<u>\$1,345,319.00</u>
New Obligation	\$16,636,393.68

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est. Cost</u>
Prior Obligation	\$1,974,701.67
This Action	<u>\$215,593.73</u>
New Obligation	\$2,190,295.40

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$186,673,785.95	\$3,354,934.06	\$190,028,720.01
This Action	<u>\$16,272,954.45</u>	<u>\$23,388.00</u>	<u>\$16,296,342.45</u>
New Obligation	\$202,946,740.40	\$3,378,322.06	\$206,325,062.46

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200145196	\$10,239,087.27			
4200144948	\$18,867.00			
		<u>Estimated Costs</u>	<u>Award Fee</u>	<u>Total</u>
TOTAL	\$10,257,954.27	\$10,257,954.27	\$0.00	\$10,257,954.27

<u>FIXED PRICE</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200145196	\$1,345,319.00
TOTAL	\$1,345,319.00

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200144805	\$517,475.45
4200144863	\$2,975,000.00
4200144864	\$382,100.00
TOTAL	\$3,874,575.45

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200144805	\$10,000.00		\$10,000.00
4200144863	\$504,808.00	\$20,192.00	\$525,000.00
4200144864	\$64,904.00	\$2,996.00	\$67,900.00
	\$579,712.00	\$23,188.00	\$602,900.00

<u>Supply</u>	
<u>PR#</u>	<u>EST COST</u>
4200145196	\$215,593.73
	\$215,593.73

TOTAL	\$16,296,342.45
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 1029		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 4	
5. PROJECT NO. (If applicable)					
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058 281-244-2492/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6			

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) CSC Applied Technologies LLC Attn: Kevin Cummings 2101 NASA Parkway Houston, TX 77058	
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CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$2,697,244.36

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. 2.) Increase the amount available for funding purposes (as shown on page 3) by \$2,697,244.36 and recapitulate prior funding. 3.) Provisionally increase the estimated cost by \$2,393,649.00 (as shown on page 2) for the base period to cover costs in excess of the contract value. This provisional increase does not affect the right of either party to effect a definitive adjustment to the estimated cost in accordance with other applicable provisions of the contract. No adjustment in fee shall be made relative to the provisional increase in estimated cost. This modification shall be definitized by March 31, 2006.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Venessa Jankowski (Signature of Contracting Officer)	16C. DATE SIGNED 1/25/06

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 3210 is \$36,349,636.54 as of January 24, 2006.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$37,658,790.70."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$12,448,036.00. The maximum available award fee, excluding base fee, if any, is \$497,409.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$12,945,445.00. This allotment covers Task Orders 800 through 1545 as of January 19, 2006.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$12,604,554.23. An additional amount of \$518,620.33 is obligated under this contract for payment of fee, for a total of \$13,123,174.56."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$119,144,664.67.

This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through February 14, 2006.

(b) An additional amount of \$2,836,313.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section B.5 is replaced in its entirety with the following to reflect the provisional increase:

"B.5 ESTIMATED COST AND AWARD FEE (NASA 1852.216-85)(SEPTEMBER 1993)

The estimated cost of Annexes 1-5 and 8-12 is \$119,144,665. The maximum available award fee, excluding base fee, if any is \$3,087,001. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are \$122,231,666."

E. Contract Value Recapitulation – Cost Reimbursable:

	Estimated Cost	Award Fee	Total
Prior Contract Value:	\$116,751,016.00	\$3,087,001.00	\$119,838,017.00
This Modification:	\$ 2,393,649.00	\$ 0.00	\$ 2,393,649.00
Revised Contract Value:	\$119,144,665.00	\$3,087,001.00	\$122,231,666.00

F. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)(MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$15,291,074.68 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$37,658,790.70
This Action	<u>\$0.00</u>
New Obligation	\$37,658,790.70

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$12,604,554.23	\$518,620.33	\$13,123,174.56
This Action	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
New Obligation	\$12,604,554.23	\$518,620.33	\$13,123,174.56

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$116,751,015.87	\$2,836,313.73	\$119,587,329.60
This Action	\$4,293,648.80	\$0.00	\$4,293,648.80
	<u>-\$1,900,000.00</u>	<u>\$0.00</u>	<u>-\$1,900,000.00</u>
New Obligation	\$119,144,664.67	\$2,836,313.73	\$121,980,978.40

CBO – De-obligation PR# 4200142468

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$14,987,479.12
This Action	<u>\$303,595.56</u>
New Obligation	\$15,291,074.68

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>
Prior Obligation	\$1,974,701.67
This Action	<u>\$0.00</u>
New Obligation	\$1,974,701.67

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$183,976,541.59	\$3,354,934.06	\$187,331,475.65
This Action	<u>\$2,697,244.36</u>	<u>\$0.00</u>	<u>\$2,697,244.36</u>
New Obligation	\$186,673,785.95	\$3,354,934.06	\$190,028,720.01

COST REIMBURSABLE

<u>PR#</u>	<u>\$ AMOUNT</u>			
4200141992	\$10,202.25			
4200143161	\$4,116.50			
4200143496	\$4,279,330.05			
		Estimated Costs	Award Fee	Total
TOTAL	\$4,293,648.80	\$4,293,648.80	\$0.00	\$4,293,648.80

FIXED PRICE

<u>PR#</u>	<u>\$ AMOUNT</u>
4200143496	\$303,595.56
TOTAL	\$303,595.56

TOTAL	\$4,597,244.36
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 1028		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 4	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
CSC Applied Technologies LLC
Attn: Kevin Cummings
2101 NASA Parkway
Houston, TX 77058

CODE		FACILITY CODE	
(x)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$2,054,043.36

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. 2.) Increase the amount available for funding purposes (as shown on page 3) by \$2,054,043.36 and recapitulate prior funding. 3.) Provisionally increase the estimated cost by \$1,947,303 (as shown on page 2) for the base period to cover costs in excess of the contract value. This provisional increase does not affect the right of either party to effect a definitive adjustment to the estimated cost in accordance with other applicable provisions of the contract. No adjustment in fee shall be made relative to the provisional increase in estimated cost. This modification shall be definitized by March 31, 2006. 4.) Administrative correction to page 2 of 4 of Mod 1027 sect B.5 total cost & fee should read \$117,890,714 vs. 117,827,039. See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Venessa Jankowski (Signature of Contracting Officer)	16C. DATE SIGNED 01/19/06

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 3208 is \$36,333,665.96 as of January 19, 2006.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$37,658,790.70."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$12,436,642.00. The maximum available award fee, excluding base fee, if any, is \$496,953.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$12,933,595.00. This allotment covers Task Orders 800 through 1544 as of January 19, 2006.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$12,604,554.23. An additional amount of \$518,620.33 is obligated under this contract for payment of fee, for a total of \$13,123,174.56."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$116,751,015.87. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through February 14, 2006.

(b) An additional amount of \$2,836,313.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section B.5 is replaced in its entirety with the following to reflect the provisional increase:

"B.5 ESTIMATED COST AND AWARD FEE (NASA 1852.216-85)(SEPTEMBER 1993)

The estimated cost of Annexes 1-5 and 8-12 is \$116,751,016. The maximum available award fee, excluding base fee, if any is \$3,087,001. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are \$119,838,017."

E. Contract Value Recapitulation – Cost Reimbursable:

	Estimated Cost	Award Fee	Total
Prior Contract Value:	\$114,803,713.00	\$3,087,001.00	\$117,890,714.00
This Modification:	\$ 1,947,303.00	\$ 0.00	\$ 1,947,303.00
Revised Contract Value:	\$116,751,016.00	\$3,087,001.00	\$119,838,017.00

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$37,859,692.59	
This Action	\$103,741.11	
	<u>-\$304,643.00</u>	Transfer to Annex 13 PR#4200136961
New Obligation	\$37,658,790.70	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$12,308,744.23	\$506,787.33	\$12,815,531.56	
This Action	\$2,885.00	\$115.00	\$3,000.00	
	<u>\$292,925.00</u>	<u>\$11,718.00</u>	<u>\$304,643.00</u>	Transferred from Annex 6 PR#4200136961
New Obligation	\$12,604,554.23	\$518,620.33	\$13,123,174.56	

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$114,803,713.62	\$2,836,313.73	\$117,640,027.35
This Action	<u>\$1,947,302.25</u>	<u>\$0.00</u>	<u>\$1,947,302.25</u>
New Obligation	\$116,751,015.87	\$2,836,313.73	\$119,587,329.60

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$14,987,479.12
This Action	<u>\$0.00</u>
New Obligation	\$14,987,479.12

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>
Prior Obligation	\$1,974,701.67
This Action	<u>\$0.00</u>
New Obligation	\$1,974,701.67

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$181,934,331.23	\$3,343,101.06	\$185,277,432.29
This Action	<u>\$2,042,210.36</u>	<u>\$11,833.00</u>	<u>\$2,054,043.36</u>
New Obligation	\$183,976,541.59	\$3,354,934.06	\$187,331,475.65

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200142468	\$1,947,302.25			
		Estimated Costs	Award Fee	Total
TOTAL	\$1,947,302.25	\$1,947,302.25	\$0.00	\$1,947,302.25

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200142237	\$83,202.11
4200142431	\$17,000.00
4200142460	\$3,539.00
TOTAL	\$103,741.11

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200142431	\$2,885.00	\$115.00	\$3,000.00
			\$0.00
	\$2,885.00	\$115.00	\$3,000.00

	TOTAL	\$2,054,043.36
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 1027		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 4	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 CSC Applied Technologies LLC
 Attn: Kevin Cummings
 2101 NASA Parkway
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$69,455.25

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. 2.) Increase the amount available for funding purposes (as shown on page 3) by \$69,455.25 and recapitulate prior funding. 3.) Provisionally increase the estimated cost by \$45,675.25 (as shown on page 2) for the base period to cover costs in excess of the contract value. This provisional increase does not affect the right of either party to effect a definitive adjustment to the estimated cost in accordance with other applicable provisions of the contract. No adjustment in fee shall be made relative to the provisional increase in estimated cost. This modification shall be definitized by March 31, 2006. See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Venessa Jankowski (Signature of Contracting Officer)	16C. DATE SIGNED 1/10/06

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 3185 is \$36,280,098.29 as of January 09, 2006.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$37,859,692.59."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$11,896,513.00. The maximum available award fee, excluding base fee, if any, is \$475,347.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$12,371,860.00. This allotment covers Task Orders 800 through 1538 as of December 29, 2005.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$12,308,744.23. An additional amount of \$506,787.33 is obligated under this contract for payment of fee, for a total of \$12,815,531.56."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$114,803,713.62. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through January 10, 2006.

(b) An additional amount of \$2,836,313.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section B.5 is replaced in its entirety with the following to reflect the provisional increase:

"B.5 ESTIMATED COST AND AWARD FEE (NASA 1852.216-85)(SEPTEMBER 1993)

The estimated cost of Annexes 1-5 and 8-12 is \$114,803,713. The maximum available award fee, excluding base fee, if any is \$3,087,001. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are \$117,827,039."

E. Contract Value Recapitulation – Cost Reimbursable:

	Estimated Cost	Award Fee	Total
Prior Contract Value:	\$114,758,038.00	\$3,087,001.00	\$117,845,039.00
This Modification:	\$ 45,675.00	\$ 0.00	\$ 45,675.00
Revised Contract Value:	\$114,803,713.00	\$3,087,001.00	\$117,890,714.00

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$37,915,748.72	
This Action	\$23,780.00	
	<u>-\$88,263.00</u>	Transferred from Annex 13 PR#4200136961
	<u>\$8,426.87</u>	Transferred from Annex 13 PR#4200097252
New Obligation	\$37,859,692.59	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$12,232,303.10	\$503,392.33	\$12,735,695.43	
This Action	\$0.00	\$0.00	\$0.00	
	\$84,868.00	\$3,395.00	\$88,263.00	Transfer to Annex 6 PR#4200136961
	<u>-\$8,426.87</u>	<u>\$0.00</u>	<u>-\$8,426.87</u>	Transfer to Annex 6 PR#4200097252
New Obligation	\$12,308,744.23	\$506,787.33	\$12,815,531.56	

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$114,758,038.37	\$2,836,313.73	\$117,594,352.10
This Action	<u>\$45,675.25</u>	<u>\$0.00</u>	<u>\$45,675.25</u>
New Obligation	\$114,803,713.62	\$2,836,313.73	\$117,640,027.35

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$14,987,479.12
This Action	<u>\$0.00</u>
New Obligation	\$14,987,479.12

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>
Prior Obligation	\$1,974,701.67
This Action	<u>\$0.00</u>
New Obligation	\$1,974,701.67

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$181,868,270.98	\$3,339,706.06	\$185,207,977.04
This Action	<u>\$66,060.25</u>	<u>\$3,395.00</u>	<u>\$69,455.25</u>
New Obligation	\$181,934,331.23	\$3,343,101.06	\$185,277,432.29

COST REIMBURSABLE

<u>PR#</u>	<u>\$ AMOUNT</u>			
4200140223	\$45,675.25			
		Estimated Costs	Award Fee	Total
TOTAL	\$45,675.25	\$45,675.25	\$0.00	\$45,675.25

ANNEX 6

<u>PR#</u>	<u>\$ AMOUNT</u>
4200140603	\$21,873.00
4200140722	\$1,907.00
TOTAL	\$23,780.00

TOTAL	\$69,455.25
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 1026		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
CODE		BJ3/T40		CODE	
281-483-2338/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
CSC Applied Technical Division, LLC
Attn: ATD COSS/Michael D. Dallas, Program Manager
2101 NASA Parkway
Houston, TX 77058

CODE		FACILITY CODE	
(x)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate changes inadvertently left off Modification 910 into the Contract as shown on Page 2. The conformed contract in SPICE contains full text changes.

NOTE: Since this change was negotiated in good faith on the part of the Contractor to be included in Modification 910, This modification (1026) only corrects an error. Therefore the contractor is not required to sign.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances Mahan, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ F. Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 12/21/05

Modification 910 changed the contract to reflect the 15th of the month rather than the 10th of the month for updating Metrics Reports. However, Section C Annex 1.9 Functional Metrics was inadvertently left out of sections of the contract to be changed. Therefore, below is the correction to Section C, Annex 1.9.

A. Section C, Annex 1.9, Functional Metrics

1.9 FUNCTIONAL METRICS

Develop, acquire, maintain, record, and report all Contract Functional Metrics. Use these data to report various COSS functions and metrics that are required by JSC or NASA and other regulations. Report the various metrics as further defined in the referenced ****DRD AN-1-10, Functional Metrics**.

Update Metrics Reports by the ~~15th~~ of each month and per dates required in DRD AN-1-10. Provide continuous electronic access to the updated reports via the LAN.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 1025		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 5	
5. PROJECT NO. (If applicable)					
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6			

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
CSC Applied Technologies LLC
Attn: ATD COSS/Michael D. Dallas, Program Manager
2101 NASA Parkway
Houston, TX 77058

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$1,136,392.99

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(X)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. 2.) Increase the amount available for funding purposes (as shown on page 4) by \$1,136,392.99 and recapitulate prior funding. 3.) Provisionally increase the estimated cost by \$664,415.00 (as shown on page 3) for the base period to cover costs in excess of the contract value. This provisional increase does not affect the right of either party to effect a definitive adjustment to the estimated cost in accordance with other applicable provisions of the contract. No adjustment in fee shall be made relative to the provisional increase in estimated cost. This modification shall be definitized by March 31, 2006. See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances Mahan, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>/s/ Frances Mahan</u> (Signature of Contracting Officer)	16C. DATE SIGNED 12/20/05

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 3159 is \$36,059,034.73 as of December 20, 2005.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$37,915,748.72."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$11,840,084.00. The maximum available award fee, excluding base fee, if any, is \$473,090.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$12,313,174.00. This allotment covers Task Orders 800 through 1537 as of December 14, 2005.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$12,232,303.10. An additional amount of \$503,392.33 is obligated under this contract for payment of fee, for a total of \$12,735,695.43."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$114,758,038.37. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through January 03, 2006.

(b) An additional amount of \$2,836,313.73 is obligated under this contract for payment of fee."

(End of clause)

E. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITION

(a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,974,701.67. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through January 03, 2006."

D. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)(MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$14,987,479.12 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

F. Section B.5 is replaced in its entirety with the following to reflect the provisional increase:

"B.5 ESTIMATED COST AND AWARD FEE (NASA 1852.216-85)(SEPTEMBER 1993)

The estimated cost of Annexes 1-5 and 8-12 is \$114,740,038. The maximum available award fee, excluding base fee, if any is \$3,087,001. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are \$117,827,039."

G. Contract Value Recapitulation – Cost Reimbursable:

	Estimated Cost	Award Fee	Total
Prior Contract Value:	\$114,093,623.00	\$3,087,001.00	\$117,180,624.00
This Modification:	\$ 664,415.00	\$ 0.00	\$ 664,415.00
Revised Contract Value:	\$114,758,038.00	\$3,087,001.00	\$117,845,039.00

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$37,800,285.72	
This Action	\$83,965.00	
	\$1,919.00	Transferred from Annex 13 PR#4200120881
	\$12,484.00	Transferred from Annex 13 PR#4200117238
	<u>\$17,095.00</u>	Transferred from Annex 13 PR#4200097252
New Obligation	\$37,915,748.72	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$12,212,096.10	\$503,160.33	\$12,715,256.43	
This Action	\$51,937.00	\$0.00	\$51,937.00	
	-\$1,845.00	-\$74.00	-\$1,919.00	Transfer to Annex 6 PR#4200120881
	-\$12,004.00	-\$480.00	-\$12,484.00	Transfer to Annex 6 PR#4200117238
	<u>-\$17,881.00</u>	<u>\$786.00</u>	<u>-\$17,095.00</u>	Transfer to Annex 6 PR#4200097252
New Obligation	\$12,232,303.10	\$503,392.33	\$12,735,695.43	

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$114,093,622.91	\$2,836,313.73	\$116,929,936.64
This Action	<u>\$664,415.46</u>	<u>\$0.00</u>	<u>\$664,415.46</u>
New Obligation	\$114,758,038.37	\$2,836,313.73	\$117,594,352.10

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$14,746,205.68
This Action	<u>\$241,273.44</u>
New Obligation	\$14,987,479.12

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>
Prior Obligation	\$1,879,899.58
This Action	<u>\$94,802.09</u>
New Obligation	\$1,974,701.67

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$180,732,109.99	\$3,339,474.06	\$184,071,584.05
This Action	<u>\$1,136,160.99</u>	<u>\$232.00</u>	<u>\$1,136,392.99</u>
New Obligation	\$181,868,270.98	\$3,339,706.06	\$185,207,977.04

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200139454	\$664,415.46			
		Estimated Costs	Award Fee	Total
TOTAL	\$664,415.46	\$664,415.46	\$0.00	\$664,415.46

<u>FIXED PRICE</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200139454	\$241,273.44
TOTAL	\$241,273.44

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200138770	\$75,805.00
4200138516	\$8,160.00
TOTAL	\$83,965.00

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200138770	\$51,937.00	\$0.00	\$51,937.00
			\$0.00
	\$51,937.00	\$0.00	\$51,937.00

<u>Supply</u>	
<u>PR#</u>	<u>EST COST</u>
4200139454	\$94,802.09
	\$94,802.09

TOTAL		\$1,136,392.99
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 1024		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 4	
5. PROJECT NO. (If applicable)					
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) CSC Applied Technologies LLC Attn: Kevin Cummings 2101 NASA Parkway Houston, TX 77058					

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$136,509.23

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. 2.) Increase the amount available for funding purposes (as shown on page 3) by \$136,509.23 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Venessa Jankowski (Signature of Contracting Officer)	16C. DATE SIGNED 12/12/05

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 3136 is \$35,855,354.98 as of December 09, 2005.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$37,800,285.72."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$11,792,104.00. The maximum available award fee, excluding base fee, if any, is \$471,171.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$12,263,275.00. This allotment covers Task Orders 800 through 1535 as of December 09, 2005.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$12,212,096.10. An additional amount of \$503,160.33 is obligated under this contract for payment of fee, for a total of \$12,715,256.43."

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$37,603,357.15	
This Action	\$92,050.23	
	\$3,170.16	Transferred from Annex 13 PR#4200117238
	\$65.00	Transferred from Annex 13 PR#4200120881
	\$4,161.00	Transferred from Annex 13 PR#4200118944
	\$1,482.60	Transferred from Annex 13 PR#420086338
	<u>\$95,999.58</u>	Transferred from Annex 13 PR#4200097252
New Obligation	\$37,800,285.72	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$12,274,225.44	\$501,450.33	\$12,775,675.77	
This Action	\$42,749.00	\$1,710.00	\$44,459.00	
	-\$3,170.16	\$0.00	-\$3,170.16	Transfer to Annex 6 PR#4200117238
	-\$65.00	\$0.00	-\$65.00	Transfer to Annex 6 PR#4200120881
	-\$4,161.00	\$0.00	-\$4,161.00	Transfer to Annex 6 PR#4200118944
	-\$1,482.60	\$0.00	-\$1,482.60	Transfer to Annex 6 PR#420086338
	<u>-\$95,999.58</u>	<u>\$0.00</u>	<u>-\$95,999.58</u>	Transfer to Annex 6 PR#4200097252
New Obligation	\$12,212,096.10	\$503,160.33	\$12,715,256.43	

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$114,093,622.91	\$2,836,313.73	\$116,929,936.64
This Action	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
New Obligation	\$114,093,622.91	\$2,836,313.73	\$116,929,936.64

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$14,746,205.68
This Action	<u>\$0.00</u>
New Obligation	\$14,746,205.68

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>
Prior Obligation	\$1,879,899.58
This Action	<u>\$0.00</u>
New Obligation	\$1,879,899.58

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$180,597,310.76	\$3,337,764.06	\$183,935,074.82
This Action	<u>\$134,799.23</u>	<u>\$1,710.00</u>	<u>\$136,509.23</u>
New Obligation	\$180,732,109.99	\$3,339,474.06	\$184,071,584.05

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200137534	\$3,343.00
4200138358	\$3,707.23
4200138884	\$85,000.00
TOTAL	\$92,050.23

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200138851	\$28,326.00	\$1,133.00	\$29,459.00
4200138884	\$14,423.00	\$577.00	\$15,000.00
	\$42,749.00	\$1,710.00	\$44,459.00

TOTAL			\$136,509.23
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 1
1023	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. N/A	5. PROJECT NO. (If
ISSUED BY	BJ3(JJH)	7. ADMINISTERED BY (If other than Item 6)	

NASA Lyndon B. Johnson Space Center
Institutional Procurement Office
Attn: BJ3/Venessa Jankowski
Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)

CSC Applied Technologies LLC
Attn: Kevin Cummings
2101 NASA Parkway
Houston, TX 77058

CODE	FACILITY CODE
9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for ☐ is extended, ☐ is not
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following

(a) By completing Items 8 and 15, and ☐ Copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).NFS 1852.216-76
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: ☒ is not, ☐ is required to sign this document 0 copies to the issuing office

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where The purpose of this modification is to recognize award fee earned for the seventh award fee evaluation period: April 1, 2005, to September 30, 2005.

Award Fee Available for Period: \$660,165
Award Fee Earned: \$528,132
Less Provisional Fee Payments: \$317,070
Total to be Paid to DynCorp \$211,062

AWARD FEE PAYMENT

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or	
		Frances L. Mahan	
15B. CONTRACTOR/OFFEROR	15C. DATE	16B. UNITED STATES OF AMERICA BY /s/ F. Mahen	16C. DATE SIGNED 12/5/05
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105
JSC MS Word (Aug 95)

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA FAR (48 CFR) 53.243

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 1022		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 4	
5. PROJECT NO. (If applicable)					
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
CSC Applied Technologies LLC
Attn: ATD COSS/Michael D. Dallas, Program Manager
2101 NASA Parkway
Houston, TX 77058

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$4,296,159.17

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. 2.) Increase the amount available for funding purposes (as shown on page 3) by \$4,296,159.17 and recapitulate prior funding. 3.) Provisionally increase the estimated cost by \$1,261,766.00 (as shown on page 2) for the base period to cover costs in excess of the contract value. This provisional increase does not affect the right of either party to effect a definitive adjustment to the estimated cost in accordance with other applicable provisions of the contract. No adjustment in fee shall be made relative to the provisional increase in estimated cost. This modification shall be definitized by March 31, 2006. See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>/s/ Venessa Jankowski</u> (Signature of Contracting Officer)	16C. DATE SIGNED 11/18/05

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 3093 is \$35,399,632.33 as of November 18, 2005.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$37,603,357.15."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$11,622,823.00. The maximum available award fee, excluding base fee, if any, is \$464,400.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$12,087,223.00. This allotment covers Task Orders 800 through 1532 as of November 16, 2005.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$12,274,225.44. An additional amount of \$501,450.33 is obligated under this contract for payment of fee, for a total of \$12,775,675.77."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$114,093,622.91. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through December 01, 2005.

(b) An additional amount of \$2,836,313.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITION

(a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,879,899.58. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through December 01, 2005."

E. Section B.5 is replaced in its entirety with the following to reflect the provisional increase:

"B.5 ESTIMATED COST AND AWARD FEE (NASA 1852.216-85)(SEPTEMBER 1993)

The estimated cost of Annexes 1-5 and 8-12 is \$114,093,623. The maximum available award fee, excluding base fee, if any is \$3,087,001. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are \$117,180,624."

F. Contract Value Recapitulation – Cost Reimbursable:

	Estimated Cost	Award Fee	Total
Prior Contract Value:	\$112,831,857.00	\$3,087,001.00	\$115,918,858.00
This Modification:	\$ 1,261,766.00	\$ 0.00	\$ 1,261,766.00
Revised Contract Value:	\$114,093,623.00	\$3,087,001.00	\$117,180,624.00

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$36,491,140.40	
This Action	\$1,112,322.75	
	<u>-\$5,678.00</u>	Transfer to Annex 13 PR#4200135297
	<u>\$5,572.00</u>	Transferred from Annex 13 PR#420097252
New Obligation	\$37,603,357.15	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$12,082,502.44	\$491,316.33	\$12,573,818.77	
This Action	\$193,222.00	\$8,529.00	\$201,751.00	
	<u>-\$1,387.00</u>	<u>\$1,387.00</u>	<u>\$0.00</u>	Transfer from Cost to AF PR#4200097252
	<u>\$5,460.00</u>	<u>\$218.00</u>	<u>\$5,678.00</u>	Transferred from Annex 6 PR#4200135297
	<u>-\$5,572.00</u>	<u>\$0.00</u>	<u>-\$5,572.00</u>	Transfer to Annex 6 PR#4200097252
New Obligation	\$12,274,225.44	\$501,450.33	\$12,775,675.77	

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$111,652,940.58	\$2,336,313.73	\$113,989,254.31
This Action	<u>\$2,440,682.33</u>	<u>\$500,000.00</u>	<u>\$2,940,682.33</u>
New Obligation	\$114,093,622.91	\$2,836,313.73	\$116,929,936.64

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$14,746,205.68
This Action	<u>\$0.00</u>
New Obligation	\$14,746,205.68

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>
Prior Obligation	\$1,838,496.49
This Action	<u>\$41,403.09</u>
New Obligation	\$1,879,899.58

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$176,811,285.59	\$2,827,630.06	\$179,638,915.65
This Action	<u>\$3,786,025.17</u>	<u>\$510,134.00</u>	<u>\$4,296,159.17</u>
New Obligation	\$180,597,310.76	\$3,337,764.06	\$183,935,074.82

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200136693	\$2,940,682.33			
		Estimated Costs	Award Fee	Total
TOTAL	\$2,940,682.33	\$2,440,682.33	\$500,000.00	\$2,940,682.33

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200136849	\$63,401.75
4200136961	\$1,048,921.00
TOTAL	\$1,112,322.75

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200136849	\$15,000.00		\$15,000.00
4200136961	\$178,222.00	\$8,529.00	\$186,751.00
	\$193,222.00	\$8,529.00	\$201,751.00

<u>Supply</u>	
<u>PR#</u>	<u>EST COST</u>
4200136693	\$41,403.09
	\$41,403.09

TOTAL	\$4,296,159.17
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 1021		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 4	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) CSC Applied Technologies LLC Attn: ATD COSS 2101 NASA Parkway Houston, TX 77058					

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$6,093,353.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

- 1.) Increase the cumulative amounts for orders under Annexes 6 and 13.
 - 2.) Increase the amount available for funding purposes (as shown on page 3) by \$6,093,353.00 and recapitulate prior funding.
- See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/Venessa Jankowski (Signature of Contracting Officer)	16C. DATE SIGNED 11/07/05

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 3058 is \$32,569,546.60 as of November 3, 2005.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$36,491,140.40."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$11,547,381.00. The maximum available award fee, excluding base fee, if any, is \$461,382.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$12,008,763.00. This allotment covers Task Orders 800 through 1531 as of October 31, 2005.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$12,082,502.44. An additional amount of \$491,316.33 is obligated under this contract for payment of fee, for a total of \$12,573,818.77."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81) (JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$111,652,940.58. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through November 15, 2005.

(b) An additional amount of \$2,336,313.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77) (MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$14,746,205.68 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$33,450,092.40	
This Action	\$3,073,353.00	
	<u>-\$12,116.00</u>	Transfer to Annex 13 PR#4200120881
	<u>\$10,000.00</u>	Transferred from Annex 13 PR#4200120580
	<u>-\$30,189.00</u>	Transfer to Annex 13 PR#4200128314
New Obligation	\$36,491,140.40	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$11,909,100.44	\$485,987.33	\$12,395,087.77	
This Action	\$141,563.00	\$4,863.00	\$146,426.00	
	<u>\$11,650.00</u>	<u>\$466.00</u>	<u>\$12,116.00</u>	Transferred from Annex 6 PR#4200120881
	<u>-\$10,000.00</u>	<u>\$0.00</u>	<u>-\$10,000.00</u>	Transfer to Annex 6 PR#4200120580
	<u>\$30,189.00</u>	<u>\$0.00</u>	<u>\$30,189.00</u>	Transferred from Annex 6 PR#4200128314
New Obligation	\$12,082,502.44	\$491,316.33	\$12,573,818.77	

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$109,179,366.58	\$2,336,313.73	\$111,515,680.31
This Action	<u>\$2,473,574.00</u>	<u>\$0.00</u>	<u>\$2,473,574.00</u>
New Obligation	\$111,652,940.58	\$2,336,313.73	\$113,989,254.31

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$14,346,205.68
This Action	<u>\$400,000.00</u>
New Obligation	\$14,746,205.68

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>
Prior Obligation	\$1,838,496.49
This Action	<u>\$0.00</u>
New Obligation	\$1,838,496.49

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$170,723,261.59	\$2,822,301.06	\$173,545,562.65
This Action	<u>\$6,088,024.00</u>	<u>\$5,329.00</u>	<u>\$6,093,353.00</u>
New Obligation	\$176,811,285.59	\$2,827,630.06	\$179,638,915.65

COST REIMBURSABLE

<u>PR#</u>	<u>\$ AMOUNT</u>			
4200135726	\$2,473,574.00			
		Estimated Costs	Award Fee	Total
TOTAL	\$2,473,574.00	\$2,473,574.00	\$0.00	\$2,473,574.00

FIXED PRICE

<u>PR#</u>	<u>\$ AMOUNT</u>
4200135726	\$400,000.00
TOTAL	\$400,000.00

ANNEX 6

<u>PR#</u>	<u>\$ AMOUNT</u>
4200135246	\$2,257,648.00
4200135297	\$5,678.00
4200135318	\$45,062.00
4200135383	\$170,090.00
4200135611	\$594,875.00
TOTAL	\$3,073,353.00

ANNEX 13

<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200135611	\$20,000.00		\$20,000.00
4200135726	\$121,563.00	\$4,863.00	\$126,426.00
	\$141,563.00	\$4,863.00	\$146,426.00

TOTAL \$6,093,353.00

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 1020		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 4	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) CSC Applied Technologies LLC Attn: ATD COSS 2101 NASA Parkway Houston, TX 77058					

CODE	FACILITY CODE
(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$550,000

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$550,000 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Venessa Jankowski (Signature of Contracting Officer)	16C. DATE SIGNED 09/30/05

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 3017 is \$31,799,009.72 as of September 30, 2005.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$33,450,092.40."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$10,643,069.00. The maximum available award fee, excluding base fee, if any, is \$425,210.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$11,068,279.00. This allotment covers Task Orders 800 through 1527 as of September 13, 2005.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$11,909,100.44. An additional amount of \$485,987.33 is obligated under this contract for payment of fee, for a total of \$12,395,087.77."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81) (JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$109,179,366.58. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through October 10, 2005.

(b) An additional amount of \$2,336,313.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITION

(a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,838,496.49. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through September 30, 2005."

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$33,449,492.40	
This Action	\$0.00	
	<u>\$600.00</u>	Transferred from Annex 13 PR#4200101558
New Obligation	\$33,450,092.40	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$11,909,700.44	\$485,987.33	\$12,395,687.77	
This Action	\$0.00	\$0.00	\$0.00	
	<u>-\$600.00</u>	<u>\$0.00</u>	<u>-\$600.00</u>	Transfer to Annex 6 PR#4200101558
New Obligation	\$11,909,100.44	\$485,987.33	\$12,395,087.77	

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$108,679,366.58	\$2,336,313.73	\$111,015,680.31
This Action	<u>\$500,000.00</u>	<u>\$0.00</u>	<u>\$500,000.00</u>
New Obligation	\$109,179,366.58	\$2,336,313.73	\$111,515,680.31

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$14,346,205.68
This Action	<u>\$0.00</u>
New Obligation	\$14,346,205.68

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>
Prior Obligation	\$1,788,496.49
This Action	<u>\$50,000.00</u>
New Obligation	\$1,838,496.49

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$170,173,261.59	\$2,822,301.06	\$172,995,562.65
This Action	<u>\$550,000.00</u>	<u>\$0.00</u>	<u>\$550,000.00</u>
New Obligation	\$170,723,261.59	\$2,822,301.06	\$173,545,562.65

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200134040	\$500,000.00			
		<u>Estimated Costs</u>	<u>Award Fee</u>	<u>Total</u>
TOTAL	\$500,000.00	\$500,000.00	\$0.00	\$500,000.00
<u>Supply</u>				
<u>PR#</u>	<u>EST COST</u>			
4200134040	\$50,000.00			
	<u>\$50,000.00</u>			
		TOTAL	\$550,000.00	

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 1019		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 4	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 CSC Applied Technologies LLC
 Attn: ATD COSS
 2101 NASA Parkway
 Houston, TX 77058

CODE (x)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$3,672,754.92

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$3,672,754.92 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Carrie Mulholland	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Carrie Mulholland (Signature of Contracting Officer)	16C. DATE SIGNED 09/27/05

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 3010 is \$31,727,820.72 as of September 19, 2005.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$33,449,492.40."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$10,577,961.00. The maximum available award fee, excluding base fee, if any, is \$422,606.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$11,000,567.00. This allotment covers Task Orders 800 through 1525 as of September 13, 2005.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$11,909,700.44. An additional amount of \$485,987.33 is obligated under this contract for payment of fee, for a total of \$12,395,687.77."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81) (JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$108,679,366.58. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through October 10, 2005.

(b) An additional amount of \$2,336,313.73 is obligated under this contract for payment of fee."

(End of clause)

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 1018		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: CSC ATD/Kevin P. Cummings, Program Manager 2101 NASA Parkway Houston, TX 77058					

CODE (x)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate changes into the Contract as shown on Page 2. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Robyn Kowalski, Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan	
15B. CONTRACTOR/OFFEROR original signed by: R. Kowalski (Signature of person authorized to sign)	15C. DATE SIGNED 9/9/05	16B. UNITED STATES OF AMERICA original signed by: F. Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 9/12/05

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 1017		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 4	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
CODE		CODE		CODE	
281-483-2338/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
CSC Applied Technologies LLC
Attn: ATD COSS
2101 NASA Parkway
Houston, TX 77058

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$2,649,520.37

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$2,649,520.37 and recapitulate prior funding.
See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Venessa Jankowski (Signature of Contracting Officer)	16C. DATE SIGNED 08/22/05

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2971 is \$31,147,499.50 as of August 19, 2005.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$32,782,538.27."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$10,344,164.00. The maximum available award fee, excluding base fee, if any, is \$413,252.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$10,757,416.00. This allotment covers Task Orders 800 through 1522 as of August 09, 2005.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$11,355,861.14. An additional amount of \$463,418.33 is obligated under this contract for payment of fee, for a total of \$11,819,279.47."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81) (JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$106,249,974.09.

This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through September 10, 2005.

(b) An additional amount of \$2,336,313.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITION

(a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,788,496.49. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through September 30, 2005."

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$32,404,626.47	
This Action	\$452,911.80	
	<u>-\$75,000.00</u>	*Transfer to Annex 13 PR#4200120580
New Obligation	\$32,782,538.27	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$11,094,762.07	\$445,241.40	\$11,540,003.47	
This Action	\$199,072.00	\$5,204.00	\$204,276.00	
	\$75,000.00	\$0.00	\$75,000.00	*Transferred from Annex 6 PR#4200120580
	\$520.00	-\$520.00	\$0.00	*Transfer from AF to Cost PR#4200044090
	-\$4,002.00	\$4,002.00	\$0.00	*Transfer from Cost to AF PR#4200047395
	-\$5,000.00	\$5,000.00	\$0.00	*Transfer from Cost to AF PR#4200050373
	<u>-\$4,490.93</u>	<u>\$4,490.93</u>	<u>\$0.00</u>	*Transfer from Cost to AF PR#4200077501
New Obligation	\$11,355,861.14	\$463,418.33	\$11,819,279.47	

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$102,831,856.52	\$2,336,313.73	\$105,168,170.25	
This Action	\$1,992,332.57	\$0.00	\$1,992,332.57	
	<u>\$1,425,785.00</u>	<u>\$0.00</u>	<u>\$1,425,785.00</u>	*Transferred from Annex 10
New Obligation	\$106,249,974.09	\$2,336,313.73	\$108,586,287.82	

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>	
Prior Obligation	\$3,214,281.49	
This Action	\$0.00	
	<u>-\$1,425,785.00</u>	*Transfer to Annex 1-5 & 8-12
New Obligation	\$1,788,496.49	

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$163,891,732.23	\$2,781,555.13	\$166,673,287.36
This Action	<u>\$2,631,343.44</u>	<u>\$18,176.93</u>	<u>\$2,649,520.37</u>
New Obligation	\$166,523,075.67	\$2,799,732.06	\$169,322,807.73

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200126712	\$1,992,332.57			
		Estimated Costs	Award Fee	Total
TOTAL	\$1,992,332.57	\$1,992,332.57	\$0.00	\$1,992,332.57

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200123203	\$19,116.00
4200123701	\$92,616.00
4200123911	\$40,000.00
4200124118	\$240,359.80
4200126005	\$58,542.00
4200126022	\$2,278.00
TOTAL	\$452,911.80

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200124118	\$68,983.00	\$0.00	\$68,983.00
4200124303	\$110,567.00	\$4,423.00	\$114,990.00
4200126969	\$19,522.00	\$781.00	\$20,303.00
			\$0.00
	\$199,072.00	\$5,204.00	\$204,276.00

TOTAL	\$2,649,520.37
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 1016		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
DynaCorp Technical Services, LLC
Attn: DYNCOSS/Michael D. Dallas, Program Manager
2101 NASA Parkway
Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	d. OTHER (Specify type of modification and authority) Agreement of the parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to provisionally increase the estimated cost by \$10,000,000.00 for the base period to cover costs in excess of the contract value. This provisional increase does not affect the right of either party to effect a definitive adjustment to the estimated cost in accordance with other applicable provisions of the contract. No adjustment in fee shall be made relative to the provisional increase in estimated cost. This modification shall be definitized by March 31, 2006. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) L.C. Diehl, Senior Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan, Contracting Officer	
15B. CONTRACTOR/OFFEROR <u>/s/ L. Diehl</u> (Signature of person authorized to sign)	15C. DATE SIGNED <u>8/2/05</u>	16B. UNITED STATES OF AMERICA BY <u>/s/ F. Mahan</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>8/3/05</u>

Deleted:

14. Continued

A. Section B.5 is replaced in its entirety with the following to reflect the provisional increase:

"B.5 ESTIMATED COST AND AWARD FEE (NASA 1852.216-85)(SEPTEMBER 1993)

The estimated cost of Annexes 1-5 and 8-12 is hereby provisionally increased to \$112,831,857. The maximum available award fee, excluding base fee, if any, is \$3,087,001. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are provisionally increased to \$115,918,858."

B. Provisional Contract Value Recapitulation – Cost Reimbursable:

	Estimated Cost	Award Fee	Total
Prior Contract Value:	\$102,831,857.00	\$3,087,001.00	\$105,918,858.00
This Modification:	\$ 10,000,000.00	\$ 0.00	\$ 10,000,000.00
Revised Contract Value:	\$112,831,857.00	\$3,087,001.00	\$115,918,858.00

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 1015		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 4	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		Same as Block 6			

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 CSC Applied Technologies LLC
 Attn: ATD COSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$4,902,596.58

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$4,902,596.58 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances Mahan, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Fran Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 07/21/05

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

- (a) The total firm fixed price of Delivery Orders 1 through 2918 is \$30,430,988.72 as of July 19, 2005.
- (b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$32,404,626.47."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

- (a) The estimated cost of Annex 13 is \$8,843,223.00. The maximum available award fee, excluding base fee, if any, is \$353,215.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$9,196,438.00. This allotment covers Task Orders 800 through 1511 as of June 29, 2005.
- (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$11,094,762.07. An additional amount of \$445,241.40 is obligated under this contract for payment of fee, for a total of \$11,540,003.47."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81) (JUNE 1990)

- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$102,831,856.52. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through September 10, 2005.
- (b) An additional amount of \$2,336,313.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section B.6.1 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77) (MARCH 1989)

- (a) Of the total price for phase-in and Annex 7 and 14, the sum of \$14,346,205.68 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

E. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITION

- (a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$3,214,281.49. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through September 30, 2005."

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$31,770,261.47	
This Action	\$616,805.00	
	<u>-15,000.00</u>	*Transfer to Annex 13 PR#4200060894
	<u>-6,000.00</u>	*Transfer to Annex 13 PR#4200086338
	\$46,560.00	*Transferred from Annex 13 PR#4200084204
	<u>-3,000.00</u>	*Transfer to Annex 13 PR#4200097252
	<u>-5,000.00</u>	*Transfer to Annex 13 PR#4200118261
New Obligation	\$32,404,626.47	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$9,727,456.01	\$383,287.40	\$10,110,743.41	
This Action	\$1,393,866.06	\$52,954.00	\$1,446,820.06	
	<u>15,000.00</u>	\$0.00	\$15,000.00	*Transferred from Annex 6 PR#4200060894
	<u>0.00</u>	\$6,000.00	\$6,000.00	*Transferred from Annex 6 PR#4200086338
	<u>-46,560.00</u>	\$0.00	-\$46,560.00	*Transfer to Annex 6 PR#4200084204
	<u>0.00</u>	\$3,000.00	\$3,000.00	*Transferred from Annex 6 PR#4200097252
	<u>\$5,000.00</u>	<u>\$0.00</u>	<u>\$5,000.00</u>	*Transferred from Annex 6 PR#4200118261
New Obligation	\$11,094,762.07	\$445,241.40	\$11,540,003.47	

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$102,288,862.52	\$2,336,313.73	\$104,625,176.25	
This Action	\$2,310,822.00	\$0.00	\$2,310,822.00	
	<u>-1,425,785.00</u>	\$0.00	-\$1,425,785.00	*Transfer to Annex 10
	<u>-250,058.00</u>	\$0.00	-\$250,058.00	De-Ob PR#4200097591
	<u>-16,635.00</u>	\$0.00	-\$16,635.00	De-Ob PR#4200113464
	<u>-75,350.00</u>	<u>\$0.00</u>	<u>-75,350.00</u>	De-Ob PR#4200113464
New Obligation	\$102,831,856.52	\$2,336,313.73	\$105,168,170.25	

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$13,480,366.68
This Action	<u>\$865,839.00</u>
New Obligation	\$14,346,205.68

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>	
Prior Obligation	\$1,784,142.97	
This Action	\$4,353.52	
	<u>\$1,425,785.00</u>	*Transferred from Annex 1-5 & 8-12
New Obligation	\$3,214,281.49	

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$159,051,089.65	\$2,719,601.13	\$161,770,690.78
This Action	<u>\$4,840,642.58</u>	<u>\$61,954.00</u>	<u>\$4,902,596.58</u>
New Obligation	\$163,891,732.23	\$2,781,555.13	\$166,673,287.36

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200122380	\$2,310,822.00			
		Estimated Costs	Award Fee	Total
TOTAL	\$2,310,822.00	\$2,310,822.00	\$0.00	\$2,310,822.00

<u>FIXED PRICE</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200122380	\$865,839.00
TOTAL	\$865,839.00

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200120450	\$27,457.00
4200120580	\$99,946.00
4200120878	\$24,449.00
4200120881	\$250,000.00
4200121025	\$3,343.00
4200121061	\$25,640.00
4200121822	\$128,310.00
4200122040	\$57,660.00
TOTAL	\$616,805.00

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200120580	\$70,000.00	\$0.00	\$70,000.00
4200120879	\$1,225,075.00	\$49,003.00	\$1,274,078.00
4200121062	\$96,154.00	\$3,846.00	\$100,000.00
4200122380	\$2,637.06	\$105.00	\$2,742.06
	\$1,393,866.06	\$52,954.00	\$1,446,820.06

<u>Supply</u>	
<u>PR#</u>	<u>EST COST</u>
4200121574	\$4,353.52
	\$4,353.52

TOTAL	\$5,244,639.58
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 1014		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 2	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		Same as Block 6			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) CSC Applied Technologies LLC Attn: ATD COSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					

CODE	FACILITY CODE
(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$970,000.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

- 1.) Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$970,000.00 and recapitulate prior funding.
See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances Mahan, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>/s/ F. Mahan</u> (Signature of Contracting Officer)	16C. DATE SIGNED 7/21/05

A. Section E.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2877 is \$30,178,931.45 as of June 21, 2005.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$31,770,261.47."

B. Section E.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$5,283,783.00. The maximum available award fee, excluding base fee, if any, is \$210,836.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$5,494,619.00. This allotment covers Task Orders 800 through 1498 as of June 15, 2005.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$9,727,456.01. An additional amount of \$383,287.40 is obligated under this contract for payment of fee, for a total of \$10,110,743.41."

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$32,820,261.47	
This Action	\$0.00	
	<u>-\$1,050,000.00</u>	*Transfer to Annex 13 PR#4200097252
New Obligation	\$31,770,261.47	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$7,785,149.01	\$305,594.40	\$8,090,743.41	
This Action	\$932,692.00	\$37,308.00	\$970,000.00	
	<u>\$1,009,615.00</u>	<u>\$40,385.00</u>	<u>\$1,050,000.00</u>	*Transferred from Annex 6 PR#4200097252
New Obligation	\$9,727,456.01	\$383,287.40	\$10,110,743.41	

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$158,158,782.65	\$2,641,908.13	\$160,800,690.78
This Action	<u>\$892,307.00</u>	<u>\$77,693.00</u>	<u>\$970,000.00</u>
New Obligation	\$159,051,089.65	\$2,719,601.13	\$161,770,690.78

ANNEX 13			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200118944	\$932,692.00	\$37,308.00	\$970,000.00
			\$0.00
	<u>\$932,692.00</u>	<u>\$37,308.00</u>	<u>\$970,000.00</u>

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 1013		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 4	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 CSC Applied Technologies LLC
 Attn: ATD COSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$4,559,011.88

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(X)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$4,559,011.88 and recapitulate prior funding. 2.) Correct modification 1009 section B.4.1(b) on page 3, the New Obligation total from \$32,434,007.40 to \$32,632,249.59.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Venessa Jankowski (Signature of Contracting Officer)	16C. DATE SIGNED 06/21/2005

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2875 is \$30,172,644.45 as of June 20, 2005.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$32,820,261.47."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$5,283,783.00. The maximum available award fee, excluding base fee, if any, is \$210,836.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$5,494,619.00. This allotment covers Task Orders 800 through 1498 as of June 15, 2005.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$7,785,149.01. An additional amount of \$305,594.40 is obligated under this contract for payment of fee, for a total of \$8,090,743.41."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$102,288,862.52. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through August 15, 2005.

(b) An additional amount of \$2,336,313.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section B.6.1 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)(MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$13,480,366.68 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

E. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITION

(a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,784,142.97. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through September 30, 2005."

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$32,632,249.59	
This Action	\$184,011.88	
	<u>\$4,000.00</u>	*Transferred from Annex 13 PR#4200084204
New Obligation	\$32,820,261.47	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$5,791,072.01	\$228,671.40	\$6,019,743.41	
This Action	\$1,998,077.00	\$76,923.00	\$2,075,000.00	
	<u>-\$4,000.00</u>	<u>\$0.00</u>	<u>-\$4,000.00</u>	*Transferred from Annex 13 PR#4200084204
New Obligation	\$7,785,149.01	\$305,594.40	\$8,090,743.41	

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$100,413,862.52	\$2,336,313.73	\$102,750,176.25
This Action	<u>\$1,875,000.00</u>	<u>\$0.00</u>	<u>\$1,875,000.00</u>
New Obligation	\$102,288,862.52	\$2,336,313.73	\$104,625,176.25

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$13,120,366.68
This Action	<u>\$360,000.00</u>
New Obligation	\$13,480,366.68

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>
Prior Obligation	\$1,719,142.97
This Action	<u>\$65,000.00</u>
New Obligation	\$1,784,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$153,676,693.77	\$2,564,985.13	\$156,241,678.90
This Action	<u>\$4,482,088.88</u>	<u>\$76,923.00</u>	<u>\$4,559,011.88</u>
New Obligation	\$158,158,782.65	\$2,641,908.13	\$160,800,690.78

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200117304	\$1,805,000.00			
4200117805	\$70,000.00			
		<u>Estimated Costs</u>	<u>Award Fee</u>	<u>Total</u>
TOTAL	\$1,875,000.00	\$1,875,000.00	\$0.00	\$1,875,000.00

<u>FIXED PRICE</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200117304	\$360,000.00
TOTAL	\$360,000.00

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200113635	\$5,000.00
4200118261	\$139,890.00
4200118367	\$39,121.88
TOTAL	\$184,011.88

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200117238	\$1,923,077.00	\$76,923.00	\$2,000,000.00
42000118261	\$75,000.00		\$75,000.00
	\$1,998,077.00	\$76,923.00	\$2,075,000.00

<u>Supply</u>	
<u>PR#</u>	<u>EST COST</u>
4200115404	\$65,000.00
	\$65,000.00

TOTAL	\$4,559,011.88
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF 1 1
1012	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. N/A	5. PROJECT NO. (If
ISSUED BY	BJ3(JJH)	7. ADMINISTERED BY (If other than Item 6)	

NASA Lyndon B. Johnson Space Center
Institutional Procurement Office
Attn: BJ3/Venessa Jankowski
Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)

CSC Applied Technologies LLC
Attn: DYNCOSS/Mike Dallas
2101 NASA Parkway
Houston, TX 77058

CODE	FACILITY CODE
9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for ☐ is extended, ☐ is not
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following

(a) By completing Items 8 and 15, and ☐ Copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).NFS 1852.216-76
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: ☒ is not, ☐ is required to sign this document 0 copies to the issuing office

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where The purpose of this modification is to recognize award fee earned for the sixth award fee evaluation period: October 1, 2004, to March 31, 2005.

Award Fee Available for Period: \$450,329
Award Fee Earned: \$364,766
Less Provisional Fee Payments: \$308,381
Total to be Paid to DynCorp \$ 56,385

AWARD FEE PAYMENT

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Venessa L. Jankowski	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE	16B. UNITED STATES OF AMERICA BY /s/ V. Jankowski (Signature of Contracting Officer)	16C. DATE SIGNED 6/17/05

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105
JSC MS Word (Aug 95)

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA FAR (48 CFR) 53.243

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 6	
2. AMENDMENT/MODIFICATION NO. 1011		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058 281-244-2492/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate changes into the Contract as shown on Page 2. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA /s/ F. Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 6/13/05

14. Continued

A. Section C. CLIN 9.16.8.3, paragraph 2 is revised as follows:

“Enter all required data into NETS no later than 2 weeks prior to required submittal date to NASA HQ, annually for previous fiscal year activities.”

B. Section I.13 is revised as follows:

I.13 OMBUDSMAN (1852.215-84) (JUNE 2000)

(a) An ombudsman has been appointed to hear and facilitate the resolution of concerns from offerors, potential offerors, and contractors during the preaward and postaward phases of this acquisition. When requested, the ombudsman will maintain strict confidentiality as to the source of the concern. The existence of the ombudsman is not to diminish the authority of the contracting officer, the Source Evaluation Board, or the selection official. Further, the ombudsman does not participate in the evaluation of proposals, the source selection process, or the adjudication of formal contract disputes. Therefore, before consulting with an ombudsman, interested parties must first address their concerns, issues, disagreements, and/or recommendations to the contracting officer for resolution.

(b) If resolution cannot be made by the contracting officer, interested parties may contact the installation ombudsman:

Randy K. Gish, Associate Director
(Management)
Lyndon B. Johnson Space Center
Mail Code: AC
2101 NASA Parkway
Houston, TX 77058
Phone: 281-483-0490, Fax: 281-483-2200
Email: randy.k.gish@nasa.gov

Concerns, issues, disagreements, and recommendations, which cannot be resolved at the installation, may be referred to the NASA ombudsman, James A. Balinskas, Director Contract Management Division, at 202-358-0445, facsimile 202-358-3083, e-mail james.a.balinskas@nasa.gov. Please do not contact the ombudsman to request copies of the solicitation, verify offer due date, or clarify technical requirements. Such inquiries shall be directed to the contracting officer or as specified elsewhere in this document.

(End of clause)

GENERAL DECISION: **TX20030048** 04/08/2005 TX48

Date: April 8, 2005

General Decision Number: **TX20030048** 04/08/2005

Superseded General Decision Number: TX020048

State: Texas

Construction Types: Highway

Counties: Brazoria, Chambers, Fort Bend, Galveston, Hardin, Harris, Jefferson, Liberty, Montgomery, Orange and Waller Counties in Texas.

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects, and railroad construction; bascule, suspension & spandrel arch bridges; bridges designed for commercial navigation; bridges involving marine construction; other major bridges).

Modification Number	Publication Date
0	06/13/2003
1	01/21/2005
2	02/18/2005
3	04/08/2005

SUTX2005-005 11/09/2004

	Rates	Fringes
Asphalt Distributor Operator...	\$ 10.94	0.00
Asphalt paving machine operator	\$ 12.01	0.00
Asphalt Raker.....	\$ 11.13	0.00
Asphalt Shoveler.....	\$ 9.14	0.00
Broom or Sweeper Operator.....	\$ 11.19	0.00
Bulldozer operator.....	\$ 11.81	0.00
Carpenter, Rough.....	\$ 12.49	0.00
Concrete Finisher, Paving.....	\$ 11.38	0.00
Concrete Finisher, Structures..	\$ 10.80	0.00
Concrete Paving Curbing		
Machine Operator.....	\$ 10.00	0.00
Concrete Paving Finishing		
Machine Operator.....	\$ 13.07	0.00
Concrete Paving Joint Sealer		
Operator.....	\$ 11.00	0.00
Concrete Paving Saw Operator...	\$ 12.75	0.00
Concrete Paving Spreader		
Operator.....	\$ 10.44	0.00
Concrete Rubber.....	\$ 9.00	0.00
Crane, Clamshell, Backhoe,		
Derrick, Dragline, Shovel		
Operator.....	\$ 12.71	0.00
Crusher and Screed Plant		
Operator.....	\$ 11.29	0.00
Electrician.....	\$ 21.79	0.00
Flagger.....	\$ 9.42	0.00
Form Builder/Setter, Structures	\$ 10.50	0.00
Form Liner, Paving & Curb.....	\$ 11.75	0.00
Form Setter, Paving & Curb.....	\$ 10.51	0.00
Foundation Drill Operator,		
Crawler Mounted.....	\$ 15.00	0.00
Foundation Drill Operator,		

Truck Mounted.....	\$ 12.73	0.00
Front End Loader Operator.....	\$ 10.65	0.00
Laborer, common.....	\$ 9.15	0.00
Laborer, Utility.....	\$ 9.81	0.00
Manhole Builder.....	\$ 9.00	0.00
Mechanic.....	\$ 13.72	0.00
Milling Machine Operator, Fine Grade.....	\$ 13.17	0.00
Mixer operator.....	\$ 10.33	0.00
Motor Grader Operator, Rough...	\$ 13.13	0.00
Motor Grader Operator.....	\$ 11.67	0.00
Oiler.....	\$ 12.12	0.00
Painter, Structures.....	\$ 15.54	0.00
Pavement Marking Machine Operator.....	\$ 8.18	0.00
Piledriverman.....	\$ 12.22	0.00
Pipelayer.....	\$ 9.49	0.00
Reinforcing Steel Setter, Paving.....	\$ 15.14	0.00
Reinforcing Steel Setter, Structure.....	\$ 13.87	0.00
Roller Operator, Pneumatic, Self-Propelled.....	\$ 9.91	0.00
Roller Operator, Steel Wheel, Flat Wheel/Tamping.....	\$ 10.43	0.00
Roller Operator, Steel Wheel, Plant Mix Pavement.....	\$ 11.07	0.00
Scraper Operator.....	\$ 9.92	0.00
Servicer.....	\$ 10.96	0.00
Sign Installer (PGM).....	\$ 8.54	0.00
Slip Form Machine Operator.....	\$ 11.07	0.00
Spreader Box operator.....	\$ 11.12	0.00
Structural Steel Worker.....	\$ 12.13	0.00
Tractor operator, Crawler Type...	\$ 13.00	0.00
Tractor operator, Pneumatic....	\$ 10.07	0.00
Traveling Mixer Operator.....	\$ 11.00	0.00
Truck driver, lowboy-Float.....	\$ 13.16	0.00
Truck driver, Single Axle, Heavy.....	\$ 10.65	0.00
Truck driver, Single Axle, Light.....	\$ 10.07	0.00
Truck Driver, Tandem Axle, Semi-Trailer.....	\$ 10.25	0.00
Work Zone Barricade Servicer...	\$ 9.94	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

* an existing published wage determination

- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 1010		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)					
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Fran Mahan 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) CSC Applied Technologies LLC Attn: ATD COSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					
CODE		FACILITY CODE			
(X)		9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
X		10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056		10B. DATED (SEE ITEM 13) January 31, 2002	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:					
(a) By completing Items 8 and 15, and returning <input type="checkbox"/> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
ACCOUNTING AND APPROPRIATION DATA (If required)					
N/A					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
X d. OTHER (Specify type of modification and authority) Agreement of the Parties and FAR 42.12					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>3</u> copies to the issuing office.					
14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The action herein modifies Annex 5.1.5 Design Overview for clarification purposes. The intent of the original wording in the Statement of Work which requires the Contractor to be the sole responsible party for ensuring that design and studies comply with Federal, State, local and JSC requirements regulations and standards has not changed. This modification is at no cost or impact to the Government and the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustment attributable to this action. See page 2. Spice will be updated to contain the conformed contract. Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan, Contracting Officer			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA /s/ F. Mahan	16C. DATE SIGNED 6/27/05		
(Signature of person authorized to sign)		(Signature of Contracting Officer)			
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		30-105 JSC MS Word (Aug 95)		STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243	

Annex 5.1.5 Did Read:

This Annex addresses all engineering and design work where the construction value is less than \$200,000. All designs for construction projects greater than \$200,000 shall be covered by Annex 13. All designs and studies shall be prepared under the supervision of a professional engineer registered in the State of Texas and shall bear the seal and signature of the responsible registered engineer for each discipline worked. All designs and studies shall be in compliance with Federal, State, local, and JSC requirements and regulations. The Contractor shall coordinate designs and obtain approval signatures with the appropriate JSC organization which include, but are not limited to the site Safety Pressure Systems, Environmental, Fire Protection, the site customer, Government project engineer, etc., ensuring each design meets all appropriate codes and regulations. The Contractor shall retain sole responsibility for ensuring all designs comply with applicable regulations and also ensure all designs meet ****NASA JSC Standards and Policies, 10 Code of Federal Regulations (CFR) 435 and 436, **E.O. 13123, Section 401** and subsequent legislation. The contractor shall ensure that all energy efficient goods and materials are purchased in accordance with ****EO 131213, Section 403-(b).**

Annex 5.1.5 Now Reads:

This Annex addresses all engineering and design work where the construction value is less than \$200,000. All designs for construction projects greater than \$200,000 shall be covered by Annex 13. All designs and studies shall be prepared under the supervision of a professional engineer registered in the State of Texas and shall bear the seal and signature of the responsible registered engineer for each discipline worked. All designs and studies shall be in compliance with Federal, State, local, and JSC requirements and regulations. The Contractor shall coordinate designs with the site customer and Government project engineer to ensure the Scope of Work and design satisfy the requirements identified by the site customer. The Contractor shall submit the 100% design to the customer and Government project engineer and obtain acknowledgement of receipt notification from the site customer and the Government project engineer via e-mail or the Work Authorization Document (WAD) Tracking database prior to submitting the cost estimate. The Contractor shall coordinate designs and obtain approval signatures with the appropriate JSC organization which include, but are note limited to the site Safety Pressure Systems, Environmental, Fire Protection, etc., ensuring each design meets all appropriate codes and regulations. The Contractor shall retain sole responsibility for ensuring all designs comply with applicable regulations and also ensure all designs meet ****NASA JSC Standards and Policies, 10 Code of Federal Regulations (CFR) 435 and 436, **E.O. 13123, Section 401** and subsequent legislation. The contractor shall ensure that all energy efficient goods and materials are purchased in accordance with ****EO 131213, Section 403-(b)**

Deleted: the site customer

Deleted: Government project engineer,

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 1009		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 4	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$1,590,962.44

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(X)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$1,590,962.44 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Venessa Jankowski (Signature of Contracting Officer)	16C. DATE SIGNED 05/17/2005

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2821 is \$29,658,673.12 as of May 12, 2005.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$32,632,249.59."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$5,246,370.00. The maximum available award fee, excluding base fee, if any, is \$209,339.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$5,455,709.00. This allotment covers Task Orders 800 through 1497 as of May 16, 2005.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$5,791,072.01. An additional amount of \$228,671.40 is obligated under this contract for payment of fee, for a total of \$6,019,743.41."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$100,413,862.52.

This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through July 04, 2005.

(b) An additional amount of \$2,336,313.73 is obligated under this contract for payment of fee."

(End of clause)

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$32,434,007.40	
This Action	\$179,650.19	
	\$12,190.00	*Transfer from Annex 13 PR#4200035133
	<u>\$6,402.00</u>	*Transfer from Annex 13 PR#4200068484
New Obligation	\$32,434,007.40	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$5,804,337.01	\$228,498.40	\$6,032,835.41	
This Action	\$5,327.00	\$173.00	\$5,500.00	
	-\$12,190.00	\$0.00	-\$12,190.00	*Transfer to Annex 6 PR#4200035133
	<u>-\$6,402.00</u>	<u>\$0.00</u>	<u>-\$6,402.00</u>	*Transfer to Annex 6 PR#4200068484
New Obligation	\$5,791,072.01	\$228,671.40	\$6,019,743.41	

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$99,008,050.27	\$2,336,313.73	\$101,344,364.00
This Action	<u>\$1,405,812.25</u>	<u>\$0.00</u>	<u>\$1,405,812.25</u>
New Obligation	\$100,413,862.52	\$2,336,313.73	\$102,750,176.25

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$13,120,366.68
This Action	<u>\$0.00</u>
New Obligation	\$13,120,366.68

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>
Prior Obligation	\$1,719,142.97
This Action	<u>\$0.00</u>
New Obligation	\$1,719,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$152,085,904.33	\$2,564,812.13	\$154,650,716.46
This Action	<u>\$1,590,789.44</u>	<u>\$173.00</u>	<u>\$1,590,962.00</u>
New Obligation	\$153,676,693.77	\$2,564,985.13	\$156,241,678.90

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200113464	\$1,405,812.25			
		Estimated Costs	Award Fee	Total
TOTAL	\$1,405,812.25	\$1,405,812.25	\$0.00	\$1,405,812.25

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200113698	\$154,150.19
4200111709	\$25,500.00
TOTAL	\$179,650.19

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200111709	\$4,327.00	\$173.00	\$4,500.00
4200113698	\$1,000.00	\$0.00	\$1,000.00
	\$5,327.00	\$173.00	\$5,500.00

TOTAL		\$1,590,962.44
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 1008		3. EFFECTIVE DATE Same as Block 16c BJ3/T57		4. REQUISITION/PURCHASE REQ. NO. N/A	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
CSC Applied Technologies LLC
Attn: ATD COSS/Michael D. Dallas, Program Manager
2101 NASA Parkway
Houston, TX 77058

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

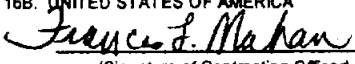
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.	
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22	
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	
X	d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties (See Attached) and FAR 42.12

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate name change from DynCorp Technical Services LLC to CSC Applied Technologies into the Contract as shown on Page 2.
The conformed contract in SPICE changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 6/14/05

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. SEE ATTACHED PAGES	3. EFFECTIVE DATE SEE BLK 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY DCMA DALLAS 600 N PEARL STREET SUITE 1630 DALLAS TX 75201-2843 DEBORAH COULTER/214-573-2131 (F)	CODE	ADMINISTERED BY (If other than item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) DYNCORP TECHNICAL SERVICES LLC 6500 WEST FREEMAN, SUITE 600 PORT WORTH TX 76116-2167			NO	9A. AMENDMENT OF SOLICITATION NO.
				9B. DATED (SEE ITEM 11)
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. SEE ATTACHED PAGES
				10B. DATED (SEE ITEM 13)
CODE 1JGQ2	FACILITY CODE		SEE ATTACHED PAGES	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (If required)

N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

NO	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 42.12

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return ORIGINAL copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

a. The purpose of this modification is to recognize and accept the contractor's "Change of Name Agreement". The "Change of Name Agreement" recognizes the change from "DynCorp Technical Services, LLC" to "CSC Applied Technologies LLC". This name-change agreement covers the cage code 1JGQ2.

(CONTINUED ON PAGE 2)

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Joseph L. Scarcello Vice President, Contract Administration	15B. CONTRACT OFFEROR <i>[Signature]</i> (Signature of person authorized to sign)	15C. DATE SIGNED 5/21/05	15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SUJATA R WADHWANI ADMINISTRATIVE CONTRACTING OFFICER SUJATA.WADHWANI@DCMA.MIL/214-573-2193	15B. UNITED STATES OF AMERICA BY <i>[Signature]</i> (Signature of Contracting Officer)	15C. DATE SIGNED 20050524
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PREVIOUS EDITION UNUSABLE

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STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

b. Listed below are the contracts affected by this supplemental agreement:

Contract	Order	Mod Number	Eff Date
DAAE0794C0266		A00002	09-Mar-94
DAAH0199C0158		A00002	22-Jul-99
F0663585C0141		A00004	01-Oct-85
F0960388C0673		A00016	20-Apr-88
F0960395C1265		A00011	29-Sep-95
F0960399C0066		A00001	21-Dec-98
F2960181C0047		A00003	01-Oct-81
F3361591C0531		A00004	02-Apr-91
F4160890C1443		A00013	11-Jun-90
FA810605C0001		A00001	26-Jan-05
N0012381C0171		A00007	01-Oct-81
N0014085DSA52		A00005	27-Jan-86
N0014085DSA52	ES01	1C	30-Sep-87
N0014085DSA52	ES02	1C	26-Oct-87
N0014085DSA52	ES03	1D	25-May-88
N0014085DSA52	ES04	1B	30-Sep-88
N0014085DSA52	N401	1B	11-Feb-86
N0014085DSA52	N402	1B	01-Oct-85
N0016703C0046		A00001	13-Sep-03
N0042102C3052		A00001	21-Dec-01
N0042196C1390		A00001	01-Oct-96
N6660401D345C	0001	1A	28-Sep-01
N6660401D345C	0002	1A	13-Dec-01
N6660401D345C	0003	1A	27-Jun-02
N6660401D345C	0004	1A	11-Jul-02
N6660401D345C	0005	1A	08-May-03
N6660401D345C	0006	1A	25-Jun-03
N6660401D345C	0007	1A	04-May-04
N6660401D345C	0008	1A	22-Oct-04
N6660401D345C		A00001	12-Apr-01
SP057005M1788		A00001	12-Dec-04

NON MOCL Contracts Contract #	Mod Number
BPA-8349 (GS-10F-0068M)	A00001
D03EASAM03064901D (GS-10F-0068M)	A00001
DAAH10-03F-9295 (GS-07F-0426M)	A00001
DADW35-08-C-8808	A00002
PM8435-98-C-8806	A00003
F33801-83-F-0017 (GS-10F-0068M)	A00001
F41689-08-C-8583	A00002
F41689-01-C-8806	A00001
F42850-02-C-7810	A00001
GS-07F-0426M	A00001
GS-10F-0068M	A00001
L71082D (GS-07F-0426M)	A00001
M00146-82-F-9034 (GS-23F-8218K)	A00001
N61339-05-C-0018	A00001
N68804-05-C-1277	A00001
NAS9-81856	A00001
NNJ04JAB3C	A00001
T03040S0007 (GS-10F-0068M)	A00001
53-9188-4-AF81	A00002
DAAA08-87-C-0018	A00002
DABT01-88-C-0014	A00002
DAKF48-88-C-9005	A00002
F33815-83-C-0050	A00007
F34801-81-M-8319	A00002
M00148-05-F-9030 (GS-10F-0068M)	A00001
NEW CONTRACT	A00001

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 23	
2. AMENDMENT/MODIFICATION NO. 1007		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
CODE		BJ3/JJH		CODE	
281-244-2492/34173 (fax)					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) CSC Applied Technologies, LLC. Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					

CODE		FACILITY CODE	
(x)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.	
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).	
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	
X	d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This purpose of this Modification is to: 1) increase the fixed price contract value by \$9; 2) update Section B.7 (Option 2); and, 3) update Section C-14. These changes are reflective of variations in requirements in Annex 14. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Robyn Kowalski, Contract Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan	
15B. CONTRACTOR/OFFEROR /s/ R. Kowalski (Signature of person authorized to sign)	15C. DATE SIGNED 6/13/05	16B. UNITED STATES OF AMERICA /s/ F. Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 6/20/05

14. Continued

A. Section B.7, Option 2 is modified as follows:

From:

<u>Item No.</u>		<u>Description of Services</u>
14.2.13	a	White Paper

<u>Total Price</u>
\$15,702.89

To:

<u>Item No.</u>		<u>Description of Services</u>
14.2.13	a	<i>Reserved</i>

<u>Total Price</u>

From:

<u>Item No.</u>		<u>Description of Services</u>
14.3.6		Shampoo Carpets/Rugs

<u>Total Price</u>
\$52,182.41

To:

<u>Item No.</u>		<u>Description of Services</u>
14.3.6		<i>Steam Clean</i> Carpets/Rugs

<u>Total Price</u>
\$169,585.35

From:

<u>Item No.</u>		<u>Description of Services</u>
14.3.7		Emergencies/Events/Visitor Custodial Services

<u>Total Price</u>
\$373,087.79

To:

<u>Item No.</u>		<u>Description of Services</u>
14.3.7		Emergencies/Events/Visitor Custodial Services

<u>Total Price</u>
\$266,757.77

From:

<u>Item No.</u>		<u>Description of Services</u>
14.3.8		Interior Extermination

<u>Total Price</u>
\$63,195.01

To:

<u>Item No.</u>		<u>Description of Services</u>
14.3.8		Interior/ <i>Exterior</i> Extermination

<u>Total Price</u>
\$67,834.14

14. Continued

B. The shift in requirements above increases contract value for Annex 14 by \$9.16. Therefore, Section B.4 is modified as follows:

From	To	Remarks
\$16,674,352	\$16,674,361	Modify Section B.4 to increase the total firm fixed price of work contained in Annex 7 and 14 to \$16,674,361.

C. Section F, Option 3, is modified as follows:

\$21,000,114	\$21,000,123	Modify Section F.5 Option 3, Paragraph 1, to increase the <i>cumulative</i> estimated cost by \$9.
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D. Section C-14 is replaced in its entirety with attached pages.



Section C Annex
14.doc



Section B Part II.xls

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 1006		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 4	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
CODE		CODE		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$1,620,855.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$1,620,855.00 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Venessa Jankowski (Signature of Contracting Officer)	16C. DATE SIGNED 04/18/05

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

- (a) The total firm fixed price of Delivery Orders 1 through 2778 is \$28,119,897.58 as of April 18, 2005.
- (b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$32,434,007.40."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$4,796,510.00. The maximum available award fee, excluding base fee, if any, is \$191,346.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$4,987,856.00. This allotment covers Task Orders 800 through 1489 as of April 14, 2005.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$5,804,337.01. An additional amount of \$228,498.40 is obligated under this contract for payment of fee, for a total of \$6,032,835.41."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$99,008,050.27. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through July 04, 2005.
- (b) An additional amount of \$2,336,313.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section B.6.1 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)(MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$13,120,366.68 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$32,089,521.40	
This Action	\$1,209,647.00	
	- \$30,674.00	*Transfer to Annex 13 PR#4200012901
	- \$2,487.00	*Transfer to Annex 13 PR#4200031139
	<u>- \$832,000.00</u>	*Transfer to Annex 13 PR#4200097252
New Obligation	\$32,434,007.40	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$4,927,515.01	\$194,951.40	\$5,122,466.41	
This Action	\$43,661.00	\$1,547.00	\$45,208.00	
	\$30,674.00	\$0.00	\$30,674.00	*Transferred from Annex 6 PR#4200012901
	\$2,487.00	\$0.00	\$2,487.00	*Transferred from Annex 6 PR#4200031139
	<u>\$800,000.00</u>	<u>\$32,000.00</u>	<u>\$832,000.00</u>	*Transferred from Annex 6 PR#4200097252
New Obligation	\$5,804,337.01	\$228,498.40	\$6,032,835.41	

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$99,277,081.27	\$1,771,282.73	\$101,048,364.00	
This Action	\$296,000.00	\$0.00	\$296,000.00	
	<u>- \$565,031.00</u>	<u>\$565,031.00</u>	<u>\$0.00</u>	*Transferred from cost to award fee
New Obligation	\$99,008,050.27	\$2,336,313.73	\$101,344,364.00	

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$13,050,366.68
This Action	<u>\$70,000.00</u>
New Obligation	\$13,120,366.68

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>
Prior Obligation	\$1,719,142.97
This Action	<u>\$0.00</u>
New Obligation	\$1,719,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$151,063,627.33	\$1,966,234.13	\$153,029,861.46
This Action	<u>\$1,022,277.00</u>	<u>\$598,578.00</u>	<u>\$1,620,855.00</u>
New Obligation	\$152,085,904.33	\$2,564,812.13	\$154,650,716.46

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200099356	\$6,000.00			
4200104549	\$290,000.00			
		Estimated Costs	Award Fee	Total
TOTAL	\$296,000.00	\$296,000.00	\$0.00	\$296,000.00

<u>FIXED PRICE</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200106736	\$70,000.00
TOTAL	\$70,000.00

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200107963	\$1,125,594.00
4200108405	\$5,239.00
4200108543	\$2,753.00
4200108845	\$13,903.00
4200108848	\$7,030.00
4200110143	\$55,128.00
TOTAL	\$1,209,647.00

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200107134	\$22,045.00	\$882.00	\$22,927.00
4200107249	\$7,768.00	\$311.00	\$8,079.00
4200108544	\$8,848.00	\$354.00	\$9,202.00
4200110143	\$5,000.00	\$0.00	\$5,000.00
	\$43,661.00	\$1,547.00	\$45,208.00

TOTAL	\$1,620,855.00
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 1005	3. EFFECTIVE DATE Same as Block 16c BJ3/JJH	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 43.204
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is set forth the equitable adjustment due as a result of Modification 1000. In consideration of the modifications agreed to herein as complete equitable adjustments for the Contractors Title V work in Annex 9 of the Statement of Work "Proposal submitted March 16, 2005, for adjustment," the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the "proposal for adjustment". (see page 2) complete change out pages are available in SPICE.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Robyn J. Kowalski, Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan	
15B. CONTRACTOR/OFFEROR /s/ R. Kowalski (Signature of person authorized to sign)	15C. DATE SIGNED 5/13/05	16B. UNITED STATES OF AMERICA /s/ F. Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 5/17/05

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14. Continued

A. <u>From</u>	<u>To</u>	<u>Remarks</u>
\$102,770,225/105,857,226	\$102,831,857/105,918,858	Modify Section B.5 to increase in the estimated cost of Annexes 1-5 and 8-12 by \$61,632. (No change in fee) The total estimated cost and award fee is \$105,918,858.
\$129,930,324	\$130,055,428	Modify Section F.5 Option 3, Paragraph 2, to increase by \$63,472 to \$27,223,571, and the cumulative option period estimated cost to \$130,055,428 (no change in fee).

- B. This modification requires DynCorp to provide the Government with a revised baseline within 30 days from the date of this modification.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 1004		3. EFFECTIVE DATE Same as Block 16c BJ3/JH		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) CODE Same as Block 6	
		281-244-2492/34173 (fax)			

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to decrease the provisional increase from Modification Numbers, 984, 987, 990, and 992 as shown on page 2. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA /s/ F. Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 5/2/05SA

Deleted:

14. Continued

A. <u>From</u>	<u>To</u>	<u>Remarks</u>
\$17,604,815	\$16,674,352	Modify Section B.4 to decrease the provisional increase for the total firm fixed price of work contained in Annexes 7 and 14 by \$930,463 to a new total of \$16,674,352.
\$126,411,805/\$129,498,806	\$102,770,225/\$105,857,226	Modify Section B.5 to decrease the provisional increase in the estimated cost of Annexes 1-5 and 8-12 by \$23,641,580 (No change in fee). The total estimated cost and award fee is \$105,857,266.
\$21,930,577	\$21,000,114	Modify Section F.4 Option 3, Paragraph 1, to decrease the cumulative option period estimated cost (No change in fee).
\$153,571,904	\$129,930,324	Modify Section F.5 Option 3, Paragraph 2, to decrease the cumulative option period estimated cost. (No increase in fee).

- B. This modification requires DynCorp to provide the Government with a revised baseline within 30 days from the date of this modification.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 6	
2. AMENDMENT/MODIFICATION NO. 1003		3. EFFECTIVE DATE Same as Block 16c BJ3/JJH		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Road 1 Houston, TX 77058 281-244-2492/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Road 1 Houston, TX 77058					

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate the current Davis Bacon Wage Determination (General Decision Number TX030010) into Section J-E for the period of April 1, 2005 – March 31, 2006. Replacement pages are attached.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>/s/ F. Mahan</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>4/6/05</u>

General Decision Number: TX030010 03/04/2005 TX10

Superseded General Decision Number: TX020010

State: Texas

Construction Types: Building

Counties: Galveston and Harris Counties in Texas.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes & apartments up to & including 4 stories). (Use current highway general wage determination for Paving & Utilities incidental to Building Construction for Galveston (excluding Galveston Island) & Harris Cos.) (DOES NOT APPLY TO ANY WORK ON TREATMENT PLANT SITES IN HARRIS CO.)

Modification Number	Publication Date
0	06/13/2003
1	02/13/2004
2	05/21/2004
3	05/28/2004
4	08/20/2004
5	12/24/2004
6	03/04/2005

ASBE0022-001 06/01/2004

	Rates	Fringes
Insulator/asbestos worker (includes application of all insulating materials, protective coverings, coatings and finishing to all types of mechanical systems)...	\$ 18.94	6.95

BRTX0001-001 07/01/2004

GALVESTON AND HARRIS COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 17.76	5.40

* ELEV0031-001 01/01/2005

	Rates	Fringes
Elevator Mechanic.....	\$ 28.40	12.115+a

FOOTNOTES: a.- Employer contributes 8% of basic hourly rate for over 5 years' service and 6% of basic hourly rate for 6 months to 5 years' service as Vacation Pay Credit. Paid

Holidays: New Year's Day; Memorial Day; Independence Day;
Labor Day; Thanksgiving Day; Friday after Thanksgiving Day;
Christmas Day

ENGI0450-002 04/01/2001

	Rates	Fringes
Power equipment operators:		
GALVESTON COUNTY		
Cranes.....	\$ 19.81	3.89
Forklifts.....	\$ 19.81	3.89
HARRIS COUNTY		
Crane.....	\$ 18.34	4.65
Forklifts.....	\$ 18.34	4.65

FOOTNOTE: +1.00 per hour differential paid to all certified
tower crane operators and all certified crane operators of
100 tons capacity and over

IRON0084-001 06/01/2002

	Rates	Fringes
Ironworker.....	\$ 18.12	4.50

PAIN1008-001 07/01/2001

	Rates	Fringes
Glazier.....	\$ 17.60	4.59

PAIN1008-003 06/01/2004

	Rates	Fringes
Soft Floor Layer.....	\$ 16.45	5.34

PLAS0079-001 07/01/2000

	Rates	Fringes
Plasterer.....	\$ 15.79	4.275

PLUM0068-001 10/01/2004

	Rates	Fringes
Plumber.....	\$ 24.28	7.81

PLUM0211-001 04/01/2004

	Rates	Fringes
Pipefitter (including HVAC WORK).....	\$ 22.66	9.31

* SFTX0669-001 01/01/2005

	Rates	Fringes
Sprinkler Fitter.....	\$ 22.62	10.50

SHEE0054-001 04/01/2004

	Rates	Fringes
Sheet metal worker (Including HVAC Duct Work).....	\$ 22.11	7.77

SUTX1989-003 04/01/1989

	Rates	Fringes
Carpenters:		
Acoustical Ceiling Installation Only.....	\$ 12.65	
Drywall Hanging Only.....	\$ 10.99	
Excluding Drywall Hangers and Acoustical Ceiling.....	\$ 13.45	2.42
Cement Mason.....	\$ 13.43	2.18
Electrician (Including Low Voltage Work).....	\$ 14.68	3.83
Laborer, Unskilled.....	\$ 7.20	
Painter (Including Drywall Finishers).....	\$ 12.02	3.30
Power equipment operators:		
Backhoes.....	\$ 11.79	
Front End Loaders.....	\$ 12.17	
Roofer (including Built Up, Composition and Single Ply)....	\$ 10.94	
Tile Setter.....	\$ 14.41	
Truck Driver.....	\$ 10.63	

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 85	
2. AMENDMENT/MODIFICATION NO. 1002		3. EFFECTIVE DATE Same as Block 16c BJ3/JJH		4. REQUISITION/PURCHASE REQ. NO. N/A	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058 281-244-2492/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This purpose of this Modification is to increase the cost reimbursable contract value by \$993,510 for contract years 1 - 2. This encompasses the wage/benefit increases due to the inclusion of the Collective Bargaining Agreement with the International Union of Operating Engineers based on the Contractor's Request for Equitable Adjustment recognized in Modification 902. This modification represents a fair and equitable adjustment for the work contained herein. Replacement pages are enclosed. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Robyn J. Kowalski, Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Fran L. Mahan	
15B. CONTRACTOR/OFFEROR /s/ R. Kowalski (Signature of person authorized to sign)	15C. DATE SIGNED 4/29/05	16B. UNITED STATES OF AMERICA /s/ F. Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 5/2/05

14. Continued

A. Section B is modified to increase the contract value as follows:

From	To	Remarks
\$125,418,295	\$126,411,805	Modify Section B.5 to increase the estimated cost of Annexes 1-5 and 8-12 by \$993,510 and available award fee by \$0 (Increase for Base Period, Option 1, & Option 2) (No increase in fee). The <i>total increase</i> in estimated cost and award fee is \$993,510.
\$3,087,001 (no change)	\$3,087,001 (no change)	
\$128,505,296	\$129,498,806	

B. Section F is modified as follows:

\$152,573,394	\$153,571,904	Modify Section F.5 Option 3, Paragraph 2, to increase the <i>cumulative</i> estimated cost by \$993,510 and available award fee by \$0.
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C. Section J G is replaced in its entirety with the enclosed to reflect the changes in the schedule of prices for this modification, as well as for modifications 943, 957, and 964 which increased cost reimbursable contract value but did not update Section J-G.

D. CONTRACTOR'S STATEMENT OF RELEASE

In consideration of the modification agreed to herein as complete and equitable adjustments for the 2001 Davis Bacon Wage Determination as well as the Contractor's Collective Bargaining Agreements: (1) the CBA between the prime contractor BRSP and the International Association of Machinists and Aerospace Workers, Local 1786, District 37, dated October 1, 2001 through September 30, 2004; (2) the CBA between prime contract BRSP and the International Union of Operating Engineers, Local 347, dated September 1, 2001 through August 31, 2004; (3) the CBA between prime contractor BRSP and the General Presidents' Project Maintenance Agreement, dated July 31, 1997 "proposal for adjustment," the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments for Contract Years 1 and 2 attributable to such facts or circumstances giving rise to the "proposal for adjustment".



SecJ Att G.xls

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 1001		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 4	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		Same as Block 6			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$363,566.79

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 4) by \$363,557.79 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Venessa Jankowski (Signature of Contracting Officer)	16C. DATE SIGNED 03/21/05

A. Section B 4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

- (a) The total firm fixed price of Delivery Orders 1 through 2738 is \$27,749,420.14 as of March 18, 2005.
- (b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$32,089,521.40."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$3,836,648.00. The maximum available award fee, excluding base fee, if any, is \$150,449.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$3,987,097.00. This allotment covers Task Orders 800 through 1480 as of March 03, 2005.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$4,927,515.01. An additional amount of \$194,951.40 is obligated under this contract for payment of fee, for a total of \$5,122,466.41."

(End of clause)

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$32,618,954.61	
This Action	\$300,566.79	
	<u>-\$830,000.00</u>	*Transfer to Annex 13 PR#420097252
New Obligation	\$32,089,521.40	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$4,064,515.01	\$164,951.40	\$4,229,466.41	
This Action	\$63,000.00	\$0.00	\$63,000.00	
	<u>\$800,000.00</u>	<u>\$30,000.00</u>	<u>\$830,000.00</u>	*Transferred from Annex 6 PR#420097252
New Obligation	\$4,927,515.01	\$194,951.40	\$5,122,466.41	

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$99,277,081.27	\$1,771,282.73	\$101,048,364.00
This Action	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
New Obligation	\$99,277,081.27	\$1,771,282.73	\$101,048,364.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$13,050,366.68
This Action	<u>\$0.00</u>
New Obligation	\$13,050,366.68

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>
Prior Obligation	\$1,719,142.97
This Action	<u>\$0.00</u>
New Obligation	\$1,719,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$150,730,060.54	\$1,936,234.13	\$152,666,294.67
This Action	<u>\$333,566.79</u>	<u>\$30,000.00</u>	<u>\$363,566.79</u>
New Obligation	\$151,063,627.33	\$1,966,234.13	\$153,029,861.46

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 1000		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		Same as Block 6			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required) N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: issue a Notice to Proceed on new Title V work in Annex 9 (See attached changes to the Statement of Work) not to exceed \$60,000. This modification will be definitized within 30 days of the date of this Notice to Proceed.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 03/18/05

Compliance with Title V of the Clean Air Act Amendment of 1990

9.4	Air Quality Program Manage Air Emissions in Compliance with all applicable requirements	<p>Implement a comprehensive program to manage all air emission sources. Major elements of this program include: operating the Building 222 Continuous Emissions Monitoring System (CEMs), verify boiler operations data, tracking surface coating operations, keeping records of exempted source operations, performing calculations, inspections, and recordkeeping, making visible emission readings to comply with regulations, and maintaining the Title V and Synthetic minor permits. Minor elements necessary to accomplish a comprehensive program shall be Contractor determined. All elements of this program are currently in place.</p> <p>Ensure that all elements of the air emissions program meet all requirements of the latest applicable local, state, and federal regulations, policies, directives, permits, and all Contract provisions. (**Environmental Regulatory Permits)</p> <p>Programs and procedures shall be updated to include new or revised requirements.</p> <p>NOTE: JSC is a "major source" of air pollution as defined under the Clean Air Act (CAA). EF, SCTF, and EPFOL are all "minor sources".</p>	One program.	No instances of violation of local, state and federal regulations, NASA and JSC policy, directives, procedures, permits and Contract provisions.
9.4.6	Opacity Readings Perform opacity readings of stacks and vents and maintain documentation	<p>Perform opacity readings of *JSC stacks and vents to ensure compliance with regulations. Opacity readings must follow EPA Method 9 (40 CF Part 60 Appendix A. Only personnel holding a current, valid TCEQ Visible Emission Evaluator certificate may perform readings</p> <p>NOTE: TCEQ offers initial certification course and subsequent recertification courses. Recertification in the Houston area is offered every 6 months at a cost.</p> <p>(b) Once per quarter for all stationary vents at JSC for presence of Visible Emissions, and</p>	18 opacity readings	All opacity readings Performed by qualified personnel
9.4.7 (NEW)	Title V and Synthetic Minor Permit Management	Contractor shall develop and implement a Title V and Synthetic Minor Permit management program that meets the requirements of 30 TAC Chapter 122. This includes but is not limited to:	4 quarterly sitewide visible emission observations	Perform visible emission Observations in accordance with EP Method 22

(i) For JSC Title V Federal Operating Permit O-01552 and Synthetic Minor Permit PI-8 Registrations at EF and SCTF. Perform on-going permit maintenance and compliance assurance activities in coordination with other Air Program CLINs. Work includes keeping the actual permits current in terms of sources accounted for, applicable requirements, pertinent operating conditions and locations (see CLIN 9.4.4.a), operating scenarios, ownership assignment, and making permit updates as necessary to keep current.

This effort shall include administrative, minor, and significant Title V permit revisions as defined in 30 TAC 122.

365 days

One Title V permit for JSC

Two Synthetic minor permit PI-8 registrations (EF and SCTF)

All activities are compliant with regulatory requirements at all times

Provide oversight monitoring (QA/QC and audit support, see CLIN 9.2.2) and registration of new or additional sources or retirement of existing sources from the permit as may be required to reflect the current emission inventory (see CLIN 9.4.5), and assist users with compliance checklists.

Maintain up-to-date Potential to Emit (PTE) calculations for JSC, EF, and SCTF.

Perform compliance assurance activities for the permits. Keep a log of all deviations, defined as all relevant permit terms or conditions that show an indication of noncompliance. Deviations are found using, at a minimum, compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit or other credible evidence.

(NOTE: Deliverables include Permit Revisions, Deviation reports and Annual compliance certification submittals. See 9.16.3 Records Reports and Submittals)

Permits are current and accurate at all times

Log of deviations is complete and fulfills requirements for root cause and corrective actions

To be added under CLIN 9.15 -- Personnel, Training and Certifications

9.15.4.1	Air Quality Technician Provide a properly trained and qualified Air Quality Technician.	Shall possess a B.S. Degree. Shall have a minimum of 2 years experience working with the Texas air program regulations and the federal Clean Air Act as a regular part of a job. Shall have a minimum of 2 years industrial air pollution control experience. The technician shall possess and maintain valid certification by TCEQ as a Visible Emissions Evaluator. Experience working in a severe non-attainment jurisdiction area preferred.	No instance of unqualified personnel being assigned.
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To Be Added to 9.16 Records, Reports and Submittals

9.16.3.8 (NEW)	Title V and Synthetic Minor Permit Reports and Submittals Develop and Submit Title V and Synthetic Minor permit revisions, compliance certifications, deviation reports	a) For Title V Permit O-01552 at JSC: (i) Prepare and submit revision applications for changes, additions, or removal of one or more permit terms or conditions. Revision application shall be made on TCEQ Form OP-2 and submitted to Environmental TMR at least 15 days prior to due date to TCEQ. (ii) Prepare notifications of Off-Permit/Operating Flexibility Action for JSC using TCEQ Form OP-NOTIFY.	Two revisions per year. Four notifications per year.	See above
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(iii) Prepare deviation reports to identify all relevant permit terms or conditions that show an indication of noncompliance found using, at a minimum, compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit. For each instance of deviation, report the following: When it began, When it ended, What caused the deviation, and What was done to correct the problem. Include reportable and non-reportable emission events during the six month period. Deviation reports shall be submitted on TCEQ Form DevRptf or other format approved by TCEQ and conform to the requirements in 30 TAC §122.145. Reports are due within 15 days of end of the period.

Two deviation
reports per year

(iv) Prepare annual Title V Permit compliance certification report. For emission units identified as having no deviations, state that the emission units were in continuous compliance. For emission units identified as having one or more deviations indicating potentially intermittent compliance, report the monitoring methods used to assess compliance, and the frequency that compliance assessments are to be made. State the total number of deviations that were experienced over the compliance certification period for each term or condition of the permit for which deviations were experienced. Annual compliance certification report shall be submitted on TCEQ Form PCCF or other format approved by TCEQ and conform to the requirements in 30 TAC 122.146. Report is due within 15 days of permit anniversary.

One compliance
certification
report per year.

b) For Synthetic Minor Permits at EF and SCTF:

Prepare and submit revisions for changes, additions, or removal of one or more emission sources that change PTE. Revision application shall be made on TCEQ Form PI-8 and submitted to Environmental TMR at least 15 days prior to due date to TCEQ.

One revision per
year per site

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. 999		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable) CODE	
281-244-2492/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Agreement of the Parties
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This purpose of this Modification is to increase the fixed price value by \$221,827 for contract year 2 to compensate for the increase in CLIN 14.3.8 in Annex 14 based on the Contractor's Request for Equitable Adjustment. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Robin Kowalski, Contract Administrator		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan	
15B. CONTRACTOR/OFFEROR /s/ R. Kowalski (Signature of person authorized to sign)	15C. DATE SIGNED 4/1/05	16B. UNITED STATES OF AMERICA /s/ F. Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 4/4/05

14. Continued

A. <u>From</u>	<u>To</u>	<u>Remarks</u>
\$17,382,988	\$17,604,815	Modify Section B.4 to increase the FFP contract value (for base yrs, option 1, and option 2) for work contained in Annexes 7 and 14 by \$221,827
\$21,708,750	\$21,930,577	Modify Section F.5 Option 3.1 to increase the cumulative FFP contract value for work contained in Annexes 7 and 14 by \$221,827 as follows: "B.4, entitled "Firm Fixed Price" shall be modified to increase the contract value by \$4,325,762 to \$21,930,577

B. Section B.7 is replaced in its entirety for Contract Year 2 **only** with the enclosed to reflect the increase in CLIN 14.3.8 in Annex 14.

C. CONTRACTOR'S STATEMENT OF RELEASE

In consideration of the modification agreed to herein as complete and equitable adjustments for the Request for Equitable Adjustment #14, Interior Extermination by Room "proposal for adjustment," the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the "proposal for adjustment".



Section 3 Part II.xls

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056	PAGE OF PAGES 1 25
2. AMENDMENT/MODIFICATION NO. 998	3. EFFECTIVE DATE Same as Block 16c BJ3/T57	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058 281-244-2492/34173 (fax)	7. ADMINISTERED BY (If other than Item 6) Same as Block 6		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO., AS DESCRIBED IN ITEM 14.(X)

<input type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	d. OTHER (Specify type of modification and authority) Clause F.5 OPTION TO EXTEND COMPLETION DATE

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
 The purpose of this modification is to: 1) Exercise Option 2 for the fourth contract year, and 2) incorporate the enclosed page changes for the Service Contract Act Wage Determination (1994-2516 Revision 25) and the Collective Bargaining Agreements into Section J-E for the period of April 1, 2005 - March 31, 2006.

The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Frances L. Mahan</i> (Signature of Contracting Officer)	16C. DATE SIGNED 3/31/05

14. Continued

A.

From:	To:	Remarks:
13,050,367	\$17,382,988	Modify Section B.4 to increase the FFP contract value for work contained in Annexes 7 and 14 by \$4,332,621
\$99,277,082	\$125,418,295	Modify Section B.5 to increase the estimated cost by \$26,141,213
\$2,294,327	\$3,087,001	Modify Section B.5 to increase the maximum available award fee by \$792,674
\$101,571,409	\$128,505,296	Modify Section B.5 to increase the total estimated cost and maximum award fee by \$26,933,887
April 1, 2005	April 1, 2006	Modify Section B.7 to reflect the price schedule effective date for year 3
April 1, 2005	April 1, 2006	Modify Section B.8 to reflect the pre-established Annex 6 IDIQ price effective date for year 3
April 1, 2005	April 1, 2006	Modify Section B.9 to reflect the pre-established Annex 13 cost value effective date for year 3
April 1, 2005	April 1, 2006	Modify Section B.10 to reflect the pre-established Annex 6 fixed labor rate effective date for year 3
April 1, 2005	April 1, 2006	Modify Section B.11 to reflect the pre-established Annex 13 loaded labor rate effective date for year 3
March 31, 2005	March 31, 2006	Modify Section F.2 to reflect the new completion date for year 3
March 31, 2005	March 31, 2006	Modify Section I.3 to reflect the new date for year 3
\$1,332,459	\$1,796,993	Modify Section I.14 to increase the overtime premium by \$464,534

January 1996

NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE

1. NOTICE NO.

28910

U.S. DEPARTMENT OF LABOR

EMPLOYMENT STANDARDS
ADMINISTRATION*(See Instructions on Reverse)*

MAIL TO:

**Administrator
Wage and Hour Division
U.S. Department of Labor
Washington, DC 20210**

2. Estimated solicitation date (use numerals)

Month	Day	Year
-------	-----	------

3. Estimated date bids or proposals to be opened or negotiations begun (use numerals)

Month	Day	Year
-------	-----	------

4. Date contract performance to begin (use numerals)
Extension

Month 04	Day 01	Year 05
-------------	-----------	------------

5. PLACE(S) OF PERFORMANCE

Harris County, TX

6. SERVICES TO BE PERFORMED (describe)

IV: Center Operations Support Services
WD Period: 04/01/05 to 03/31/06
NAS 9-01056

7. INFORMATION ABOUT PERFORMANCE

A. ☒ Services now performed by a contractor B. ☐ Services now performed by Federal employees C. ☐ Services not presently being performed

8. IF BOX A IN ITEM 7 IS MARKED, COMPLETE ITEM 8 AS APPLICABLE

a. Name and address of incumbent contractor

DynCorp Technical Services
6500 W. Freeway, Suite 600
Fort Worth, TX 76116

b. Number(s) of any wage determination(s) in incumbent's contract

WD 94-2516, WD 73-0023, WD 91-0124,
WD 99-0135, WD 03-0052, WD 03-0053

c. Name(s) of union(s) if services are being performed under collective bargaining agreement(s). **Important:** Attach copies of current applicable collective bargaining agreements

List of Unions Attached (Attachment A)

RESPONSE TO NOTICE *(by Department of Labor)*

- A. ☒ The attached wage determination(s) listed below apply to procurement.
WD 94-2516 Rev 25, WD 1973-0023
WD 1991-0124, WD 1998-0135
WD 2003-0052, WD 2003-0053
- B. ☐ As of this date, no wage determination applicable to the specified locality and classes of employees is in effect.
- C. ☐ From information supplied, the Service Contract Act does not apply (see attached explanation).
- D. ☐ Notice returned for additional information (see attached explanation)

Signed: _____
(U.S. Department of Labor)

(Date)

9. OFFICIAL SUBMITTING NOTICE

SIGNED:

Connie R. Pritchard

DATE

02-16-05

TYPE OR PRINT NAME

Connie R. Pritchard
Contract Labor Relations Officer

TELEPHONE NO.

281-483-4121

10. TYPE OR PRINT NAME AND TITLE OF PERSON TO WHOM RESPONSE IS TO BE SENT AND NAME AND ADDRESS OF DEPARTMENT OR AGENCY, BUREAU, DIVISION, ETC.

**NASA Johnson Space Center
Connie R. Pritchard, Mail Code BA2
2101 NASA Parkway
Houston, TX 77058**

List of Unions
Attachment A
(SF98 28910- 8c)

1. CBA between prime contractor DynCorp and the International Association of Machinists and Aerospace Workers, Local 1786, District 37, dated October 1, 2004 through September 30, 2007. (WD1991-0124)*
2. CBA between subcontractor Call Henry and the International Union of Operating Engineers, Local 347, dated September 1, 2004 through August 31, 2008. (WD1999-0135)**
3. CBA between prime contractor DynCorp and the General Presidents' Project Maintenance Agreement, effective March 28, 2002 through March 28, 2007. (WD1973-0023) ***
4. CBA between prime contractor DynCorp and the Teamsters, Local 968 (Transportation & Logistics), dated December 15, 2003 through December 15, 2006. (WD2003-0052) ****
5. CBA between DynCorp and the International Association of Machinists and Aerospace Workers, Local 1786, District 37, dated April 1, 2002 through March 31, 2005. (WD2003-0053) *****

(Revised February 2005)

STANDARD FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)	11. Notice No. NASA 28910
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Nonunion, WD 94-2516, Prime Contractor DynCorp	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
Secretary, II	1	GS-5 \$14.75
Secretary, III	1	GS-6 \$16.44
Secretary, IV	2	GS-7 \$18.27
Secretary, V	1	GS-8 \$20.24
Material Coordinator	1	WG-7 \$17.74
Electronic Technician, Maint., III	1	WG-10 \$21.21
Bus Driver	13	WG-7 \$17.74
Personnel Assistant, IV	1	GS-6 \$16.44
Computer Operator, IV	1	GS-7 \$18.27
General Clerk, III	0	GS-3 \$11.75
General Clerk, IV	9	GS-4 \$13.19
Accounting Clerk, III	0	GS-4 \$13.19
Accounting Clerk, IV	2	GS-5 \$14.75
Drafter, III	4	GS-5 \$14.75
Harris County, TX, Nonexempt/Union, CBA between IAM&AW, Local 1786, District 37 & DynCorp * WD 91-0124		
Electrician *	2	Per CBA \$24.26
Electrician, Lead *	1	Per CBA \$25.51
Cryo/Vac Mechanic, PTI Level 1 *	1	Per CBA \$25.26
Cryo/Vac Mechanic *	3	Per CBA \$24.26
Refrigeration Mechanic *	2	Per CBA \$24.26
Boiler System Mechanic, PTI Level 2 *	1	Per CBA \$25.76
Welder/Systems Mechanic *	1	Per CBA \$24.26
Machine Tool Repairman/Hydraulics *	3	Per CBA \$24.26
Machine Tool Repairman/Hydraulics, Lead *	1	Per CBA \$25.51
Electronic Technician *	2	Per CBA \$24.26
Electrician, PTI, Level 1 *	1	Per CBA \$25.26

FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)	11. Notice No. NASA 28910
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Union, CBA between IAM&AW, Local 1786, District 37 & DynCorp * WD 91-0124	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
- continued -		
Heavy Equipment Mechanic *	0	Per CBA \$24.26
Cooling Tower/Systems Mechanic *	1	Per CBA \$24.26
Crane Maintenance/Systems Mechanic *	2	Per CBA \$24.26
Engine/Generator Mechanic. Ld *	1	Per CBA \$25.51
Mechanic/Technician *	0	Per CBA \$24.26
Toolroom Attendant, Ld *	1	Per CBA \$19.44
Toolroom Attendant *	1	Per CBA \$18.19
Harris County, TX, Nonexempt/Union, CBA between IUOE, Local 347 & Subcontractor Call Henry ** WD 99-0135		
Chief Operator, B-24 **	4	Per CBA \$24.18
Chief Operator, Field **	4	Per CBA \$24.18
EMCS Operator, B-24 **	5	Per CBA \$24.18
Environmental Operator **	1	Per CBA \$23.18
Lab Technician **	1	Per CBA \$23.58
Operator, B-24 **	4	Per CBA \$23.18
Relief Operator **	11	Per CBA \$23.18
Roving Operator **	4	Per CBA \$23.18
Training Chief Operator **	2	Per CBA \$25.03
Chief Operator, Environmental **	1	Per CBA \$24.18
Harris County, TX, Nonexempt/Union, CBA between AFL-CIO General Presidents Agreement – Bldg Trades & DynCorp ***		
WD 73-0023		
Iron Worker ***	1	Per CBA \$20.23
Iron Worker, Foreman ***	1	Per CBA \$22.48
Carpenter ***	3	Per CBA \$21.55
Carpenter, Foreman ***	2	Per CBA \$22.80
Laborer ***	7	Per CBA \$16.05
Laborer, Foreman ***	2	Per CBA \$17.10

FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)	11. Notice No. NASA 28910
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Union, CBA between AFL-CIO- GPPMA- Bldg. Trades & DynCorp *** WD 73-0023	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
- continued -		
Electrical Lineman ***	1	Per CBA \$23.28
Electrical Lineman, Foreman ***	1	Per CBA \$25.46
Millwright ***	2	Per CBA \$24.15
Millwright, Foreman ***	1	Per CBA \$25.15
Millwright, Foreman PT&I ***	1	Per CBA \$26.15
Pipefitter ***	17	Per CBA \$22.66
Pipefitter, Foreman ***	4	Per CBA \$23.66 – 24.47
Pipefitter, General Foreman ***	1	Per CBA \$26.06
Pipefitter, PT&I ***	2	Per CBA \$23.66
Pipefitter, Apprentice	1	Per CBA \$14.73
Electrician ***	17	Per CBA \$22.05
Electrician, Foreman ***	3	Per CBA \$23.81
Electrician, General Foreman ***	1	Per CBA \$25.36
Electrician PT&I***	1	Per CBA \$23.05
Insulator, Asbestos Abatement ***	2	Per CBA \$18.57
Insulator, Asbestos Abatement Foreman***	1	Per CBA \$19.57
Driver Truck (Heavy) ***	2	Per CBA \$17.44
Heavy Equipment Operator ***	4	Per CBA \$22.08
Heavy Equipment General Foreman***	1	Per CBA \$22.83
Roofer***	2	Per CBA \$16.43
Roofer, Foreman ***	1	Per CBA \$17.56
Painter***	1	Per CBA \$15.35
Painter, Foreman ***	1	Per CBA \$15.60
Painter, Apprentice ***	1	Per CBA \$12.28
Plumber ***	6	Per CBA \$22.32
Plumber, Foreman ***	3	Per CBA \$23.82
Plumber, Apprentice ***	1	Per CBA \$17.42
Operating Engineers ***	1	Per CBA \$22.08
Sheetmetal Worker ***	2	Per CBA \$22.11

FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)		11. Notice No. NASA 28910
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Union, CBA between Teamsters, Local 968 (Logistics) and DynCorp **** WD 2003-0052	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED	
Furniture Move Assembler ****	1	Per CBA \$15.62	
Inchecker/Warehouse Person ****	3	Per CBA \$14.10	
Inspector ****	2	Per CBA \$14.85	
Senior Inspector ****	1	Per CBA \$15.12	
Furniture Repair/Warehouse Person ****	6	Per CBA \$14.62	
Furniture Repair/Warehouse Person, Lead ****	1	Per CBA \$16.02	
Storekeeper ****	1	Per CBA \$14.85	
Bond Room Storekeeper ****	2	Per CBA \$15.22	
Bond Room Storekeeper, Lead ****	1	Per CBA \$15.62	
Warehouse Person	4	Per CBA \$14.10	
Warehouse Person, Lead (R&U Lead) ****	1	Per CBA \$14.50	
Warehouse Person, (B-338)****	1	Per CBA \$14.20	
Supply Clerk ****	2	Per CBA \$12.93	
Clerk/Dispatcher ****	1	Per CBA \$12.87	
Senior Property Specialist ****	1	Per CBA \$14.90	
Property Specialist, Ld. ****	1	Per CBA \$16.05	
Property Clerk ****	1	Per CBA \$12.70	
Stock Control Clerk ****	2	Per CBA \$13.67	
Property Specialist ****	1	Per CBA \$15.55	
Property Technician ****	3	Per CBA \$13.27	
Cataloger ****	1	Per CBA \$15.41	
Clerk Typist ****	1	Per CBA \$12.87	
Customer Service Clerk ****	3	Per CBA \$13.27	
(Transportation) WD 2003-0052			
Furniture Move, Ld. ****	1	Per CBA \$14.45	
Furniture Move Driver ****	1	Per CBA \$14.05	
Furniture Move Helper ****	1	Per CBA \$13.16	
Bobtail Driver ****	6	Per CBA \$13.05	
Bobtail Driver, Ld. ****	1	Per CBA \$13.45	

FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)	11. Notice No. NASA 28910
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Union, CBA between Teamsters, Local 986 (Transportation) and DynCorp **** - continued -	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
Freight Rate Clerk ****	1	Per CBA \$18.25
Crater & Flight Packer ****	3	Per CBA \$12.95 – 13.05
Flight Packing Specialist ****	1	Per CBA \$14.05
Helper ****	5	Per CBA \$12.16 – 12.26
Cylinder Truck Driver ****	1	Per CBA \$13.30
Harris County, TX, Nonexempt/Union, CBA between IAM&AW, Local 1786, District 37 (Custodial) and DynCorp ***** WD 2003- 0053		
Custodial *****	81	Per CBA \$10.82
Recycle Specialist *****	1	Per CBA \$11.62
Harris County, TX, Nonexempt/Nonunion, WD 94-2516 Subcontractor – Sal Esparza		
Laborer, Grounds Maintenance	15	WG-3 \$11.77
General Clerk, I	1	GS-1 \$8.79
Gardner	1	WG-6 \$15.63
Tractor Operator	1	WG-5 \$14.34
Pest Controller	.5	WG-7 \$17.74

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1973-0023
Revision No.: 26
Date of Last Revision: 03/19/2003

This wage determination applies at the address(es) below:

Johnson Space Center , Harris County, TX

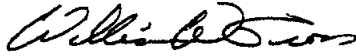
Employed on NASA contract for maintenance support services.

Collective Bargaining Agreement between DynCorp Technical Services and General Presidents' Project Maintenance Agreement effective March 28, 2002 through March 28, 2007.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1991-0124
Revision No.: 9
Date of Last Revision: 03/19/2003

This wage determination applies at the address(es) below:

Johnson Space Center, Harris County, TX

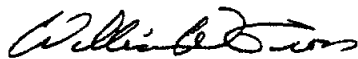
Employed on NASA contract for plant maintenance and operations support services.

Collective Bargaining Agreement between Dyncorp Technical Services, LLC and International Association of Machinists, Aerospace Workers, District No. 37, AFL-CIO, Local Lodge No. 1786 effective April 1, 2002 through September 30, 2004. ~~2007~~ Oct 1, 2004

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1999-0135
Revision No.: 2
Date of Last Revision: 03/19/2003

State: Texas

Area: Texas County of Harris

Employed on NASA contract (s) for base operations support services.

DynCorp Technical Services
Collective Bargaining Agreement between ~~Cal Henry, Incorporated~~ and International Union of Operating Engineers, Local No. 347, AFL-CIO effective April 1, 2002 through August 31, 2004. *2008*

Sept 1, 2004
In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 2003-0052
Revision No.: 1
Date of Last Revision: 03/13/2003

State: Texas

Area: Texas County of Harris

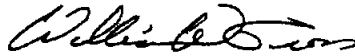
Employed on NASA contract for plant maintenance and center operations support services.

Collective Bargaining Agreement between Dyncorp Technical Services, LLC Transportation ^{Logistics} and Teamsters
Local Union Number 968 effective April 1, 2002 through December 15, 2003. ~~2006~~

^{Dec 15, 2003}
In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by
the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid
wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension
agreement(s).

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 2003-0053

Revision No.: 1

Date of Last Revision: 03/13/2003

State: Texas

Area: Texas County of Harris

Employed on NASA contract for plant operations and center operations support services.

Collective Bargaining Agreement between Dyncorp Technical Services, LLC and The International Association of Machinists and Aerospace Workers District Lodge 37 Local Lodge 1786 effective April 1, 2002 through March 30, 2005.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

**REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT**

By direction of the Secretary of Labor

**U.S. DEPARTMENT OF LABOR
EMPLOYMENT
STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON D.C. 20210**

William W. Gross Division of
Director Wage Determinations

Wage Determination No.: 1994-2516
Revision No.: 25
Date of Revision: 03/01/2005

State: Texas

Area: Texas Counties of Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston,
Grimes, Harris, Houston, Jackson, Lavaca, Liberty, Madison, Matagorda, Montgomery,
San Jacinto, Trinity, Walker, Waller, Washington, Wharton

****Fringe Benefits Required Follow the Occupational Listing****

OCCUPATION CODE - TITLE	MINIMUM WAGE RATE
01000 - Administrative Support and Clerical Occupations	
01011 - Accounting Clerk I	11.45
01012 - Accounting Clerk II	12.35
01013 - Accounting Clerk III	13.86
01014 - Accounting Clerk IV	15.29
01030 - Court Reporter	17.73
01050 - Dispatcher, Motor Vehicle	15.40
01060 - Document Preparation Clerk	12.07
01070 - Messenger (Courier)	9.87
01090 - Duplicating Machine Operator	12.07
01110 - Film/Tape Librarian	11.50
01115 - General Clerk I	9.63
01116 - General Clerk II	10.80
01117 - General Clerk III	12.97
01118 - General Clerk IV	14.88
01120 - Housing Referral Assistant	19.36
01131 - Key Entry Operator I	11.20
01132 - Key Entry Operator II	14.32
01191 - Order Clerk I	13.36
01192 - Order Clerk II	15.24
01261 - Personnel Assistant (Employment) I	12.28
01262 - Personnel Assistant (Employment) II	13.79
01263 - Personnel Assistant (Employment) III	16.50
01264 - Personnel Assistant (Employment) IV	17.63
01270 - Production Control Clerk	18.50
01290 - Rental Clerk	14.34
01300 - Scheduler, Maintenance	14.67
01311 - Secretary I	14.67

01312 - Secretary II	17.73
01313 - Secretary III	19.36
01314 - Secretary IV	22.76
01315 - Secretary V	25.57
01320 - Service Order Dispatcher	14.63
01341 - Stenographer I	12.72
01342 - Stenographer II	15.12
01400 - Supply Technician	22.76
01420 - Survey Worker (Interviewer)	15.53
01460 - Switchboard Operator-Receptionist	10.88
01510 - Test Examiner	17.73
01520 - Test Proctor	17.73
01531 - Travel Clerk I	11.56
01532 - Travel Clerk II	12.46
01533 - Travel Clerk III	13.33
01611 - Word Processor I	11.45
01612 - Word Processor II	13.79
01613 - Word Processor III	16.27

03000 - Automatic Data Processing Occupations

03010 - Computer Data Librarian	13.45
03041 - Computer Operator I	13.45
03042 - Computer Operator II	15.53
03043 - Computer Operator III	17.54
03044 - Computer Operator IV	24.69
03045 - Computer Operator V	23.90
03071 - Computer Programmer I (1)	21.12
03072 - Computer Programmer II (1)	26.16
03073 - Computer Programmer III (1)	27.62
03074 - Computer Programmer IV (1)	27.62
03101 - Computer Systems Analyst I (1)	27.41
03102 - Computer Systems Analyst II (1)	27.62
03103 - Computer Systems Analyst III (1)	27.62
03160 - Peripheral Equipment Operator	13.45

05000 - Automotive Service Occupations

05005 - Automotive Body Repairer, Fiberglass	21.26
05010 - Automotive Glass Installer	21.68
05040 - Automotive Worker	20.91
05070 - Electrician, Automotive	22.66
05100 - Mobile Equipment Servicer	19.27
05130 - Motor Equipment Metal Mechanic	24.53
05160 - Motor Equipment Metal Worker	20.91
05190 - Motor Vehicle Mechanic	24.53
05220 - Motor Vehicle Mechanic Helper	18.48
05250 - Motor Vehicle Upholstery Worker	19.84
05280 - Motor Vehicle Wrecker	20.91
05310 - Painter, Automotive	22.66
05340 - Radiator Repair Specialist	22.88
05370 - Tire Repairer	14.40
05400 - Transmission Repair Specialist	25.17

07000 - Food Preparation and Service Occupations	
(not set) - Food Service Worker	8.01
07010 - Baker	10.04
07041 - Cook I	8.65
07042 - Cook II	9.33
07070 - Dishwasher	8.11
07130 - Meat Cutter	12.36
07250 - Waiter/Waitress	7.75
09000 - Furniture Maintenance and Repair Occupations	
09010 - Electrostatic Spray Painter	16.65
09040 - Furniture Handler	11.74
09070 - Furniture Refinisher	16.09
09100 - Furniture Refinisher Helper	13.74
09110 - Furniture Repairer, Minor	15.29
09130 - Upholsterer	16.65
11030 - General Services and Support Occupations	
11030 - Cleaner, Vehicles	9.12
11060 - Elevator Operator	7.39
11090 - Gardener	12.14
11121 - House Keeping Aid I	7.27
11122 - House Keeping Aid II	7.68
11150 - Janitor	8.17
11210 - Laborer, Grounds Maintenance	9.75
11240 - Maid or Houseman	7.27
11270 - Pest Controller	12.98
11300 - Refuse Collector	9.12
11330 - Tractor Operator	11.44
11360 - Window Cleaner	8.92
12000 - Health Occupations	
12020 - Dental Assistant	14.22
12040 - Emergency Medical Technician (EMT)/Paramedic /Ambulance Driver	12.93
12071 - Licensed Practical Nurse I	14.15
12072 - Licensed Practical Nurse II	15.88
12073 - Licensed Practical Nurse III	17.10
12100 - Medical Assistant	11.91
12130 - Medical Laboratory Technician	13.90
12160 - Medical Record Clerk	13.13
12190 - Medical Record Technician	16.02
12221 - Nursing Assistant I	7.08
12222 - Nursing Assistant II	9.82
12223 - Nursing Assistant III	10.62
12224 - Nursing Assistant IV	12.40
12250 - Pharmacy Technician	13.10
12280 - Phlebotomist	13.30
12311 - Registered Nurse I	24.51
12312 - Registered Nurse II	30.20
12313 - Registered Nurse II, Specialist	32.08

12314 - Registered Nurse III	37.96
12315 - Registered Nurse III, Anesthetist	37.96
12316 - Registered Nurse IV	43.48

13000 - Information and Arts Occupations

13002 - Audiovisual Librarian	18.40
13011 - Exhibits Specialist I	19.30
13012 - Exhibits Specialist II	24.74
13013 - Exhibits Specialist III	28.94
13041 - Illustrator I	17.60
13042 - Illustrator II	22.56
13043 - Illustrator III	26.40
13047 - Librarian	23.29
13050 - Library Technician	12.96
13071 - Photographer I	13.93
13072 - Photographer II	17.60
13073 - Photographer III	22.56
13074 - Photographer IV	26.40
13075 - Photographer V	30.06

15000 - Laundry, Dry Cleaning, Pressing and Related Occupations

15010 - Assembler	7.98
15030 - Counter Attendant	7.98
15040 - Dry Cleaner	10.25
15070 - Finisher, Flatwork, Machine	7.98
15090 - Presser, Hand	7.98
15100 - Presser, Machine, Drycleaning	7.98
15130 - Presser, Machine, Shirts	7.98
15160 - Presser, Machine, Wearing Apparel, Laundry	7.98
15190 - Sewing Machine Operator	10.85
15220 - Tailor	11.67
15250 - Washer, Machine	8.76

19000 - Machine Tool Operation and Repair Occupations

19010 - Machine-Tool Operator (Toolroom)	16.65
19040 - Tool and Die Maker	19.20

21000 - Material Handling and Packing Occupations

21010 - Fuel Distribution System Operator	16.33
21020 - Material Coordinator	18.50
21030 - Material Expediter	18.50
21040 - Material Handling Laborer	12.26
21050 - Order Filler	10.53
21071 - Forklift Operator	12.84
21080 - Production Line Worker (Food Processing)	12.84
21100 - Shipping/Receiving Clerk	12.43
21130 - Shipping Packer	12.43
21140 - Store Worker I	9.57
21150 - Stock Clerk (Shelf Stocker; Store Worker II)	13.57
21210 - Tools and Parts Attendant	13.58
21400 - Warehouse Specialist	12.84

23000 - Mechanics and Maintenance and Repair Occupations	
23010 - Aircraft Mechanic	23.19
23040 - Aircraft Mechanic Helper	18.07
23050 - Aircraft Quality Control Inspector	24.21
23060 - Aircraft Servicer	20.10
23070 - Aircraft Worker	21.18
23100 - Appliance Mechanic	16.65
23120 - Bicycle Repairer	13.91
23125 - Cable Splicer	20.27
23130 - Carpenter, Maintenance	18.58
23140 - Carpet Layer	15.92
23160 - Electrician, Maintenance	25.19
23181 - Electronics Technician, Maintenance I	15.91
23182 - Electronics Technician, Maintenance II	20.59
23183 - Electronics Technician, Maintenance III	24.17
23260 - Fabric Worker	15.00
23290 - Fire Alarm System Mechanic	17.43
23310 - Fire Extinguisher Repairer	14.40
23340 - Fuel Distribution System Mechanic	19.17
23370 - General Maintenance Worker	15.46
23400 - Heating, Refrigeration and Air Conditioning Mechanic	19.17
23430 - Heavy Equipment Mechanic	17.43
23440 - Heavy Equipment Operator	17.43
23460 - Instrument Mechanic	17.47
23470 - Laborer	10.14
23500 - Locksmith	16.65
23530 - Machinery Maintenance Mechanic	19.81
23550 - Machinist, Maintenance	20.16
23580 - Maintenance Trades Helper	13.58
23640 - Millwright	19.48
23700 - Office Appliance Repairer	16.65
23740 - Painter, Aircraft	18.32
23760 - Painter, Maintenance	16.65
23790 - Pipefitter, Maintenance	19.33
23800 - Plumber, Maintenance	18.87
23820 - Pneudraulic Systems Mechanic	17.47
23850 - Rigger	17.47
23870 - Scale Mechanic	15.92
23890 - Sheet-Metal Worker, Maintenance	17.43
23910 - Small Engine Mechanic	15.92
23930 - Telecommunication Mechanic I	21.33
23931 - Telecommunication Mechanic II	22.28
23950 - Telephone Lineman	21.09
23960 - Welder, Combination, Maintenance	17.43
23965 - Well Driller	17.43
23970 - Woodcraft Worker	17.47
23980 - Woodworker	10.27
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	9.68

24580 - Child Care Center Clerk	12.06
24600 - Chore Aid	6.36
24630 - Homemaker	15.41
25000 - Plant and System Operation Occupations	
25010 - Boiler Tender	21.14
25040 - Sewage Plant Operator	17.00
25070 - Stationary Engineer	21.14
25190 - Ventilation Equipment Tender	14.33
25210 - Water Treatment Plant Operator	16.65
27000 - Protective Service Occupations	
(not set) - Police Officer	21.21
27004 - Alarm Monitor	13.96
27006 - Corrections Officer	18.04
27010 - Court Security Officer	18.04
27040 - Detention Officer	18.04
27070 - Firefighter	17.70
27101 - Guard I	10.14
27102 - Guard II	17.90
28000 - Stevedoring/Longshoremen Occupations	
28010 - Blocker and Bracer	16.16
28020 - Hatch Tender	16.16
28030 - Line Handler	16.16
28040 - Stevedore I	15.12
28050 - Stevedore II	17.21
29000 - Technical Occupations	
21150 - Graphic Artist	23.11
29010 - Air Traffic Control Specialist, Center (2)	35.18
29011 - Air Traffic Control Specialist, Station (2)	24.26
29012 - Air Traffic Control Specialist, Terminal (2)	26.71
29023 - Archeological Technician I	19.34
29024 - Archeological Technician II	21.66
29025 - Archeological Technician III	26.79
29030 - Cartographic Technician	27.31
29035 - Computer Based Training (CBT) Specialist/ Instructor	25.70
29040 - Civil Engineering Technician	24.82
29061 - Drafter I	16.82
29062 - Drafter II	17.44
29063 - Drafter III	21.12
29064 - Drafter IV	26.79
29081 - Engineering Technician I	15.08
29082 - Engineering Technician II	18.74
29083 - Engineering Technician III	21.81
29084 - Engineering Technician IV	27.69
29085 - Engineering Technician V	36.15
29086 - Engineering Technician VI	41.10
29090 - Environmental Technician	24.76
29100 - Flight Simulator/Instructor (Pilot)	32.45

29160 - Instructor	23.47
29210 - Laboratory Technician	19.77
29240 - Mathematical Technician	28.04
29361 - Paralegal/Legal Assistant I	17.80
29362 - Paralegal/Legal Assistant II	21.38
29363 - Paralegal/Legal Assistant III	26.62
29364 - Paralegal/Legal Assistant IV	29.59
29390 - Photooptics Technician	26.79
29480 - Technical Writer	24.02
29491 - Unexploded Ordnance (UXO) Technician I	22.35
29492 - Unexploded Ordnance (UXO) Technician II	27.05
29493 - Unexploded Ordnance (UXO) Technician III	34.42
29494 - Unexploded (UXO) Safety Escort	22.35
29495 - Unexploded (UXO) Sweep Personnel	22.35
29620 - Weather Observer, Senior (3)	21.81
29621 - Weather Observer, Combined Upper Air and Surface Programs (3)	17.99
29622 - Weather Observer, Upper Air	17.99
31000 - Transportation/ Mobile Equipment Operation Occupations	
31030 - Bus Driver	15.48
31260 - Parking and Lot Attendant	8.34
31290 - Shuttle Bus Driver	12.67
31300 - Taxi Driver	9.00
31361 - Truckdriver, Light Truck	12.67
31362 - Truckdriver, Medium Truck	14.97
31363 - Truckdriver, Heavy Truck	16.00
31364 - Truckdriver, Tractor-Trailer	16.00
99000 - Miscellaneous Occupations	
99020 - Animal Caretaker	8.21
99030 - Cashier	9.10
99041 - Carnival Equipment Operator	9.72
99042 - Carnival Equipment Repairer	10.22
99043 - Carnival Worker	7.50
99050 - Desk Clerk	10.65
99095 - Embalmer	19.59
99300 - Lifeguard	11.75
99310 - Mortician	24.04
99350 - Park Attendant (Aide)	14.75
99400 - Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	9.48
99500 - Recreation Specialist	14.74
99510 - Recycling Worker	13.45
99610 - Sales Clerk	10.85
99620 - School Crossing Guard (Crosswalk Attendant)	8.29
99630 - Sport Official	11.47
99658 - Survey Party Chief (Chief of Party)	19.92
99659 - Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	17.23
99660 - Surveying Aide	13.64
99690 - Swimming Pool Operator	13.10
99720 - Vending Machine Attendant	10.91

99730 - Vending Machine Repairer
99740 - Vending Machine Repairer Helper

13.10
11.19

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$2.59 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as numbered):

1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4.156)

2) **APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL:** An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

3) **WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY:** If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordinance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance

operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** NOTES APPLYING TO THIS WAGE DETERMINATION ****

Under the policy and guidance contained in All Agency Memorandum No. 159, the Wage and Hour Division does not recognize, for section 4(c) purposes, prospective wage rates and fringe benefit provisions that are effective only upon such contingencies as "approval of Wage and Hour, issuance of a wage determination, incorporation of the wage determination in the contract, adjusting the contract price, etc." (The relevant CBA section) in the collective bargaining agreement between (the parties) contains contingency language that Wage and Hour does not recognize as reflecting "arm's length negotiation" under section 4(c) of the Act and 29 C.F.R. 5.11(a) of the regulations. This wage determination therefore reflects the actual CBA wage rates and fringe benefits paid under the predecessor contract.

Source of Occupational Title and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by the Third Supplement, dated March 1997, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation) and computes a proposed rate).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title), a Federal grade equivalency (FGE) for each proposed classification), job description), and rationale for proposed wage rate), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 997		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 5	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058	
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CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$0

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Transfer funds from Annex 6 to Annex 13 (as shown on page 2) erroneously placed funds in wrong annex on mod. 994 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>/s/ Venessa Jankowski</u> (Signature of Contracting Officer)	16C. DATE SIGNED 02/23/05

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1. CUMULATIVE DELIVERY ORDERS (ANNEX 6)"

- (a) The total firm fixed price of Delivery Orders 1 through 2715 is \$27,543,392.34 as of February 22, 2005.
(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$32,618,954.61."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1. CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)"

(a) The estimated cost of Annex 13 is \$3,761,922.00. The maximum available award fee, excluding base fee, if any, is \$147,739.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$3,176,107.00. This allotment covers Task Orders 800 through 1471 as of February 22, 2005.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$4,064,515.01. An additional amount of \$164,951.40 is obligated under this contract for payment of fee, for a total of \$4,229,466.41."

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$32,628,954.61	
This Action	\$0.00	
	<u>-\$10,000.00</u>	*Transfer to Annex 13 PR#4200102023
New Obligation	\$32,618,954.61	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$4,054,515.01	\$164,951.40	\$4,219,466.41	
This Action	\$0.00	\$0.00	\$0.00	
	<u>\$10,000.00</u>	<u>\$0.00</u>	<u>\$10,000.00</u>	*Transferred from Annex 6 PR#4200102023
New Obligation	\$4,064,515.01	\$164,951.40	\$4,229,466.41	

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$150,730,060.54	\$1,936,234.13	\$152,666,294.67
This Action	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
New Obligation	\$150,730,060.54	\$1,936,234.13	\$152,666,294.67

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 996		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. n/a	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) DynaCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					
CODE		FACILITY CODE			
(X) 9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)			
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056		10B. DATED (SEE ITEM 13) January 31, 2002			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 3 and 15, and returning <input type="checkbox"/> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
ACCOUNTING AND APPROPRIATION DATA (If required)					

See next page

Increase \$0

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paving office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> is required to sign this document and return <u>0</u> copies to the issuing office.	

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to administratively correct Sections F.5 "Option to Extend Completion Date" for Option 2 and Option 3 that were erroneously not updated in previous provisional increase modifications.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa L. Jankowski Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>JS V Jankowski</u> (Signature of Contracting Officer)	16C. DATE SIGNED 3.2.05

Deleted:

14. Continued

A. Update Sections F.5 to incorporate changes that were erroneously not included in previous provisional increase modifications as indicated below:

F.5 Option 2.1 - MOD 992

From:	To:	Remarks:
\$16,452,525	\$17,382,988	Modify Section F.5 Option 2.1 to increase the total FFP contract value for work contained in Annexes 7 and 14 by \$930,463 as follows: "B.4, entitled "Firm Fixed Price" shall be modified to increase the contract value by \$4,332,621 to \$17,382,988 .

F.5 Option 2.2 - MOD 984

From:	To:	Remarks:
\$101,776,715	\$108,776,715	Modify Section F.5 Option 2.2 to increase the total estimated cost by \$7,000,000 (No increase in fee) as follows: "B.5 entitled "Estimated Cost and Award Fee" shall be modified to increase the estimated cost by \$26,141,214 to \$108,776,715 and to increase the maximum available award fee by \$792,674 to \$3,087,001 .

F.5 Option 2.2 - MOD 987

From:	To:	Remarks:
\$108,776,715	\$111,112,536	Modify Section F.5 Option 2.2 to increase the total estimated cost by \$2,335,821 (No increase in fee) as follows: "B.5 entitled "Estimated Cost and Award Fee" shall be modified to increase the estimated cost by \$26,141,214 to \$111,112,536 and to increase the maximum available award fee by \$792,674 to \$3,087,001 .

F.5 Option 2.2 - MOD 990

From:	To:	Remarks:
\$111,112,536	\$111,292,536	Modify Section F.5 Option 2.2 to increase the total estimated cost by \$180,000 (No increase in fee) as follows: "B.5 entitled "Estimated Cost and Award Fee" shall be modified to increase the estimated cost by \$26,141,214 to \$111,292,536 and to increase the maximum available award fee by \$792,674 to \$3,087,001 .

F.5 Option 2.2 - MOD 992

From:	To:	Remarks:
\$111,292,536	\$125,418,295	Modify Section F.5 Option 2.2 to increase the total estimated cost by \$14,125,759 (No increase in fee) as follows: "B.5 entitled "Estimated Cost and Award Fee" shall be modified to increase the estimated cost by \$26,141,214 to \$125,418,295 and to increase the maximum available award fee by \$792,674 to \$3,087,001 .

14. Continued

F.5 Option 3.1 - MOD 992

From:	To:	Remarks:
\$20,778,287	\$21,708,750	Modify Section F.5 Option 3.1 to increase the total FFP contract value for work contained in Annexes 7 and 14 by \$930,463 as follows: "B.4, entitled "Firm Fixed Price" shall be modified to increase the contract value by \$4,325,762 to \$21,708,750 .

F.5 Option 3.2 - MOD 984

From:	To:	Remarks:
\$128,936,814	\$135,936,814	Modify Section F.5 Option 3.2 to increase the total estimated cost by \$7,000,000 (No increase in fee) as follows: "B.5 entitled "Estimated Cost and Award Fee" shall be modified to increase the estimated cost by \$26,141,214 to \$135,936,814 and to increase the maximum available award fee by \$792,674 to \$3,087,001.

F.5 Option 3.2 - MOD 987

From:	To:	Remarks:
\$135,936,814	\$138,272,635	Modify Section F.5 Option 3.2 to increase the total estimated cost by \$2,335,821 (No increase in fee) as follows: "B.5 entitled "Estimated Cost and Award Fee" shall be modified to increase the estimated cost by \$26,141,214 to \$138,272,635 and to increase the maximum available award fee by \$792,674 to \$3,087,001.

F.5 Option 3.2 - MOD 990

From:	To:	Remarks:
\$138,272,635	\$138,452,635	Modify Section F.5 Option 3.2 to increase the total estimated cost by \$180,000 (No increase in fee) as follows: "B.5 entitled "Estimated Cost and Award Fee" shall be modified to increase the estimated cost by \$26,141,214 to \$138,452,635 and to increase the maximum available award fee by \$792,674 to \$3,087,001.

F.5 Option 3.2 - MOD 992

From:	To:	Remarks:
\$138,452,635	\$152,578,394	Modify Section F.5 Option 3.2 to increase the total estimated cost by \$14,125,759 (No increase in fee) as follows: "B.5 entitled "Estimated Cost and Award Fee" shall be modified to increase the estimated cost by \$26,141,214 to \$152,578,394 and to increase the maximum available award fee by \$792,674 to \$3,087,001.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 995		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. n/a	
5. PROJECT NO. (If applicable)					
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)

DynCorp Technical Services, LLC
Attn: DYNCOSS/Michael D. Dallas, Program Manager
2101 NASA Parkway
Houston, TX 77058

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$0

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Administrative correction to the "Total Funding Obligation (Annexes 1-14)" "Prior Obligation" and then the "New Obligation" of modifications 987, 990, 992, and 993 due to a typo starting on modification 987; 2.) Update Sections B.4 and B.5 to incorporate changes that were erroneously not included in previous provisional increase modifications; and 3.) Update Section I.14 and Section F.5 to incorporate changes that were erroneously not included in previous overtime REA Modification 964.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Venessa Jankowski (Signature of Contracting Officer)	16C. DATE SIGNED 02/15/05

14. Continued

A.

MOD 987

From:

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)			
	Est Cost	Award Fee	Total
Prior Obligation	\$122,027,753.21	\$1,881,944.13	\$123,909,697.34
This Action	\$5,059,846.02	\$1,260.00	\$5,061,106.02
New Obligation	\$127,087,599.23	\$1,883,204.13	\$128,970,803.36

To:

Prior Obligation	\$122,027,308.21	\$1,882,389.13	\$123,909,697.34
This Action	\$5,059,846.02	\$1,260.00	\$5,061,106.02
New Obligation	\$127,087,154.23	\$1,883,649.13	\$128,970,803.36

MOD 990

From:

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)			
	Est Cost	Award Fee	Total
Prior Obligation	\$127,087,599.23	\$1,883,204.13	\$128,970,803.36
This Action	\$406,650.46	\$20,000.00	\$426,650.46
New Obligation	\$127,494,249.69	\$1,903,204.13	\$129,397,453.82

To:

Prior Obligation	\$127,087,154.23	\$1,883,649.13	\$128,970,803.36
This Action	\$406,650.46	\$20,000.00	\$426,650.46
New Obligation	\$127,493,804.69	\$1,903,649.13	\$129,397,453.82

MOD 992

From:

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)			
	Est Cost	Award Fee	Total
Prior Obligation	\$127,900,900.15	\$1,923,204.13	\$129,824,104.28
This Action	\$23,104,984.75	\$31,772.00	\$23,136,756.75
New Obligation	\$151,005,884.90	\$1,954,976.13	\$152,960,861.03

To:

Prior Obligation	\$127,493,804.69	\$1,903,649.13	\$129,397,453.82
This Action	\$23,104,984.75	\$31,772.00	\$23,136,756.75
New Obligation	\$150,598,789.44	\$1,935,421.13	\$152,534,210.57

MOD 993

From:

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)			
	Est Cost	Award Fee	Total
Prior Obligation	\$151,005,884.90	\$1,954,976.13	\$152,960,861.03
This Action	-\$653.00	\$653.00	\$0.00
New Obligation	\$151,005,231.90	\$1,955,629.13	\$152,960,861.03

To:

Prior Obligation	\$150,598,789.44	\$1,935,421.13	\$152,534,210.57
This Action	-\$653.00	\$653.00	\$0.00
New Obligation	\$150,598,136.44	\$1,936,074.13	\$152,534,210.57

14. Continued

B. Update Sections B.4 and B.5 to incorporate changes that were erroneously not included in previous provisional increase modifications as indicated below:

B.4 - MOD 992

From:	To:	Remarks:
\$12,119,904	\$13,050,367	Modify Section B.4 to increase the FFP contract value for work contained in Annexes 7 and 14 by \$930,463

B.5 - MOD 987

From:	To:	Remarks:
\$82,635,502	\$84,971,323	Modify Section B.5 to increase the estimated cost by \$930,463 (No increase in fee)
\$84,929,829	\$87,265,650	Modify Section B.5 to increase the total estimated cost and maximum award fee by \$930,463

B.5 - MOD 990

From:	To:	Remarks:
\$84,971,323	\$85,151,323	Modify Section B.5 to increase the estimated cost by \$180,000 (No increase in fee)
\$87,265,650	\$87,445,650	Modify Section B.5 to increase the total estimated cost and maximum award fee by \$180,000

B.5 - MOD 992

From:	To:	Remarks:
\$85,151,323	\$99,277,082	Modify Section B.5 to increase the estimated cost by \$14,125,759 (No increase in fee)
\$87,445,650	\$101,571,409	Modify Section B.5 to increase the total estimated cost and maximum award fee by \$14,125,759

C. Update Section I.14 to incorporate changes that were erroneously not included in previous overtime REA Modification 964:

From:	To:	Remarks:
\$717,020	\$1,332,459	Modify Section I.14 to increase the overtime premium by \$615,439 (Base Period + Option 1 increase)

D. Update Section F.5 to incorporate changes that were erroneously not included in previous overtime REA Modification 964:

From:	To:	Remarks:
\$247,094	\$443,298	Modify Section F.5, Option 1, to increase the overtime premium by \$196,204
\$262,444	\$464,534	Modify Section F.5, Option 2, to increase the overtime premium by \$202,090
\$283,537	\$491,690	Modify Section F.5, Option 3, to increase the overtime premium by \$208,153

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 994		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 4	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$132,084.10

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(X)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 4) by \$132,084.10 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>/s/ Venessa Jankowski</u> (Signature of Contracting Officer)	16C. DATE SIGNED 02/17/05

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2704 is \$27,495,313.34 as of February 16, 2005.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$32,628,954.61."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$3,750,436.00. The maximum available award fee, excluding base fee, if any, is \$147,499.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$3,897,521.00. This allotment covers Task Orders 800 through 1477 as of February 16, 2005.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$4,054,515.01. An additional amount of \$164,951.40 is obligated under this contract for payment of fee, for a total of \$4,219,466.41."

(End of clause)

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 993		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 5	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$0

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Administrative correction to mod. 992 on sect. B.5.1 Cumulative Value and Funding For Task Orders (Annex 13) correcting total in part (b) from \$4,155,128.41 to \$4,160,128.41. 2.) Transfer funds from Annex 6 to Annex 13 (as shown on page 2) erroneously placed funds in wrong annex on mod. 992 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Venessa Jankowski (Signature of Contracting Officer)	16C. DATE SIGNED 01/26/05

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1. CUMULATIVE DELIVERY ORDERS (ANNEX 6)"

- (a) The total firm fixed price of Delivery Orders 1 through 2669 is \$26,892,267.85 as of January 25, 2005.
(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$32,539,230.51."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1. CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)"

(a) The estimated cost of Annex 13 is \$3,056,353.00. The maximum available award fee, excluding base fee, if any, is \$119,754.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$3,176,107.00. This allotment covers Task Orders 800 through 1471 as of January 21, 2005.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$4,012,315.01. An additional amount of \$164,791.40 is obligated under this contract for payment of fee, for a total of \$4,177,106.41."

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$32,556,208.51	
This Action	\$0.00	
	<u>-\$16,978.00</u>	*Transfer to Annex 13 PR#4200096817
New Obligation	\$32,539,230.51	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$3,995,990.01	\$164,138.40	\$4,160,128.41	
This Action	\$0.00	\$0.00	\$0.00	
	<u>\$16,325.00</u>	<u>\$653.00</u>	<u>\$16,978.00</u>	*Transferred from Annex 6 PR#4200096817
New Obligation	\$4,012,315.01	\$164,791.40	\$4,177,106.41	

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$150,598,789.44	\$1,935,421.13	\$152,534,210.57
This Action	<u>-\$653.00</u>	<u>\$653.00</u>	<u>\$0.00</u>
New Obligation	\$150,598,136.44	\$1,936,074.13	\$152,534,210.57

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. 992		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 5	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$23,136,756.75

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 4) by \$23,136,756.75 and recapitulate prior funding. 2.) The purpose of this modification is to provisionally increase the estimated cost by \$15,056,222.00 (as shown on page 3) for the base period to cover costs in excess of the contract value. This provisional increase does not affect the right of either party to effect a definitive adjustment to the estimated cost in accordance with other applicable provisions of the contract. No adjustment in fee shall be made relative to the provisional increase in estimated cost. This modification shall be definitized by March 31, 2005. See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances Mahan Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ France Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 01/20/2005

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

- (a) The total firm fixed price of Delivery Orders 1 through 2661 is \$26,349,948.85 as of January 14, 2005.
- (b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$32,556,208.51."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$3,036,139.00. The maximum available award fee, excluding base fee, if any, is \$116,458.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$3,090,395.00. This allotment covers Task Orders 800 through 1469 as of January 06, 2005.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$3,995,990.01. An additional amount of \$164,138.40 is obligated under this contract for payment of fee, for a total of \$4,155,128.41."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$99,277,081.27.

This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through June 30, 2005.

- (b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section B.6.1 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)(MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$13,050,366.68 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

E. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITION

(a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,719,142.97. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through August 31, 2005."

F. Section B.4 is replaced in its entirety with the following to reflect the provisional increase:

B.4 FIRM FIXED PRICE (NASA 1852.216-78) (DEC 1988)

The total firm fixed price of work contained in Annexes 7 and 14 is \$13,050,367.

G. Contract Value Recapitulation – Firm Fixed Price:

	Estimated Cost
Prior Contract Value:	\$12,119,904.00
This Modification:	\$ 930,463.00
Revised Contract Value:	\$13,050,367.00

H. Section B.5 is replaced in its entirety with the following to reflect the provisional increase:

"B.5 ESTIMATED COST AND AWARD FEE (NASA 1852.216-85)(SEPTEMBER 1993)

The estimated cost of Annexes 1-5 and 8-12 is \$99,277,082. The maximum available award fee, excluding base fee, if any is \$2,294,327. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are \$101,571,409."

I. Contract Value Recapitulation – Cost Reimbursable:

	Estimated Cost	Award Fee	Total
Prior Contract Value:	\$85,151,323.00	\$2,294,327.00	\$87,445,650.00
This Modification:	\$14,125,759.00	\$ 0.00	\$14,125,759.00
Revised Contract Value:	\$99,277,082.00	\$2,294,327.00	\$101,571,409.00

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$27,410,315.54
This Action	\$5,150,892.97
	<u>-\$5,000.00</u> *Transfer to Annex 13 PR#4200094419
New Obligation	\$32,556,208.51

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$3,134,279.01	\$132,366.40	\$3,266,645.41
This Action	\$856,711.00	\$31,772.00	\$888,483.00
	<u>\$5,000.00</u>	<u>\$0.00</u>	<u>\$5,000.00</u> *Transferred from Annex 6 PR#4200094419
New Obligation	\$3,995,990.01	\$164,138.40	\$4,160,128.41

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$85,151,322.63	\$1,771,282.73	\$86,922,605.36
This Action	<u>\$14,125,758.64</u>	<u>\$0.00</u>	<u>\$14,125,758.64</u>
New Obligation	\$99,277,081.27	\$1,771,282.73	\$101,048,364.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$10,384,744.54
This Action	<u>\$2,665,622.14</u>
New Obligation	\$13,050,366.68

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>
Prior Obligation	\$1,413,142.97
This Action	<u>\$306,000.00</u>
New Obligation	\$1,719,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$127,900,900.15	\$1,923,204.13	\$129,824,104.28
This Action	<u>\$23,104,984.75</u>	<u>\$31,772.00</u>	<u>\$23,136,756.75</u>
New Obligation	\$151,005,884.90	\$1,954,976.13	\$152,960,861.03

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200097591	\$14,125,758.64			
		<u>Estimated Costs</u>	<u>Award Fee</u>	<u>Total</u>
TOTAL	\$14,125,758.64	\$14,125,758.64	\$0.00	\$14,125,758.64

<u>FIXED PRICE</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200097591	\$2,665,622.14
TOTAL	\$2,665,622.14

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200096757	\$209.00
4200096815	\$3,863.00
4200096817	\$16,978.00
4200097252	\$4,681,016.04
4200096975	\$448,826.93
TOTAL	\$5,150,892.97

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200097252	\$794,290.00	\$31,772.00	\$826,062.00
4200096975	\$62,421.00	\$0.00	\$62,421.00
	\$856,711.00	\$31,772.00	\$888,483.00

<u>Supply</u>	
<u>PR#</u>	<u>EST COST</u>
4200097387	\$306,000.00
	\$306,000.00

TOTAL	\$23,136,756.75
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 991	3. EFFECTIVE DATE Same as Block 16c	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa L. Jankowski 2101 NASA Parkway Houston, TX 77058	CODE BJ3/JJH 281-244-2492/34173 (fax)	7. ADMINISTERED BY (If other than Item 6) Same as Block 6	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 original copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate changes into the Contract as shown on Page 2. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) <u>Pam Daly, Business Manager</u>	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <u>Venessa Jankowski</u>
15B. CONTRACTOR/OFFEROR <u>/s/ P. Daly</u> (Signature of person authorized to sign)	15C. DATE SIGNED <u>12/27/04</u>
16B. UNITED STATES OF AMERICA <u>/s/ V. Jankowski</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>1/6/05</u>

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 990		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 5	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	
CODE		CODE			
281-483-2338/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE		FACILITY CODE	
(x)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$426,650.46

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1.) Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 4) by \$426,650.46 and recapitulate prior funding. 2.) The purpose of this modification is to provisionally increase the estimated cost by \$180,00.00 (as shown on page 3) for the base period to cover costs in excess of the contract value. This provisional increase does not affect the right of either party to effect a definitive adjustment to the estimated cost in accordance with other applicable provisions of the contract. No adjustment in fee shall be made relative to the provisional increase in estimated cost. This modification shall be definitized by January 30, 2005. See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Venessa Jankowski, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Venessa Jankowski (Signature of Contracting Officer)	16C. DATE SIGNED 12/20/04

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2632 is \$26,102,989.92 as of December 16, 2004.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$27,410,315.54."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$2,973,937.00. The maximum available award fee, excluding base fee, if any, is \$116,458.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$3,090,395.00. This allotment covers Task Orders 800 through 1467 as of December 10, 2004.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$3,134,279.01. An additional amount of \$132,366.40 is obligated under this contract for payment of fee, for a total of \$3,266,645.41."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$85,151,322.63.

This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through December 31, 2004.

(b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section B.5 is replaced in its entirety with the following to reflect the provisional increase:

"B.5 ESTIMATED COST AND AWARD FEE (NASA 1852.216-85)(SEPTEMBER 1993)

The estimated cost of Annexes 1-5 and 8-12 is \$85,151,323. The maximum available award fee, excluding base fee, if any is \$2,294,327. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are \$87,445,650."

E. Contract Value Recapitulation – Cost Reimbursable:

	Estimated Cost	Award Fee	Total
Prior Contract Value:	\$84,971,323.00	\$2,294,327.00	\$87,265,650.00
This Modification:	\$ 180,000.00	\$ 0.00	\$ 180,000.00
Revised Contract Value:	\$85,151,323.00	\$2,294,327.00	\$87,445,650.00

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$27,260,691.08
This Action	\$190,624.46
	-\$1,000.00*Transfer to Annex 13 PR#4200065132
	-\$40,000.00*Transfer to Annex 13 PR#4200088737
New Obligation	\$27,410,315.54

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$3,057,253.01	\$112,366.40	\$3,169,619.41
This Action	\$56,026.00	\$0.00	\$56,026.00
	\$1,000.00	\$0.00	\$1,000.00*Transferred from Annex 6 PR#4200065132
	<u>\$20,000.00</u>	<u>\$20,000.00</u>	<u>\$40,000.00</u> *Transferred from Annex 6 PR#4200088737
New Obligation	\$3,134,279.01	\$132,366.40	\$3,266,645.41

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$84,971,322.63	\$1,771,282.73	\$86,742,605.36
This Action	<u>\$180,000.00</u>	<u>\$0.00</u>	<u>\$180,000.00</u>
New Obligation	\$85,151,322.63	\$1,771,282.73	\$86,922,605.36

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$10,384,744.54
This Action	<u>\$0.00</u>
New Obligation	\$10,384,744.54

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>
Prior Obligation	\$1,413,142.97
This Action	<u>\$0.00</u>
New Obligation	\$1,413,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$127,087,599.23	\$1,883,204.13	\$128,970,803.36
This Action	<u>\$406,650.46</u>	<u>\$20,000.00</u>	<u>\$426,650.46</u>
New Obligation	\$127,494,249.69	\$1,903,204.13	\$129,397,453.82

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200092336	\$59,400.00			
4200094133	\$120,600.00			
		Estimated Costs	Award Fee	Total
TOTAL	\$180,000.00	\$180,000.00	\$0.00	\$180,000.00

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200091507	\$8,126.00
4200094419	\$182,498.46
	\$0.00
TOTAL	\$190,624.46

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200094419	\$56,026.00	\$0.00	\$56,026.00
	\$0.00	\$0.00	\$0.00
	\$56,026.00	\$0.00	\$56,026.00

TOTAL	\$426,650.46
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 1
989	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. N/A	5. PROJECT NO. (If
ISSUED BY	BJ3(T57)	7. ADMINISTERED BY (If other than Item 6)	

NASA Lyndon B. Johnson Space Center
Institutional Procurement Office
Attn: BJ3/Venessa Jankowski
Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
DynCorp Technical Services, LLC
Attn: DYNCOSS/Mike Dallas
2101 NASA Parkway
Houston, TX 77058

CODE	FACILITY CODE
9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for ☐ is extended, ☐ is not
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following

(a) By completing Items 8 and 15, and ☐ Copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). NFS 1852.216-76
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: ☒ is not, ☐ is required to sign this document 0 copies to the issuing office

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where The purpose of this modification is to recognize award fee earned for the fifth award fee evaluation period: April 1, 2003, to September 31, 2004.

Award Fee Available for Period: \$401,359
Award Fee Earned: \$337,142
Less Provisional Fee Payments: \$308,370
Total to be Paid to DynCorp \$ 28,772

AWARD FEE PAYMENT

Deleted: fourth

Deleted: September

Deleted: March

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or	
		Frances L. Mahan	
15B. CONTRACTOR/OFFEROR	15C. DATE	16B. UNITED STATES OF AMERICA BY <u>/s/ F. Mahan</u>	16C. DATE SIGNED <u>11/29/04</u>
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

NSN 7540-01-152-8070

PREVIOUS EDITION UNUSABLE

30-105

JSC MS Word (Aug 95)

STANDARD FORM 30 (Rev. 10-83)

Prescribed by GSA FAR (48 CFR) 53.243

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. 987		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See page 5	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than item 6) Same as Block 6	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					
CODE (X)		FACILITY CODE			
9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)			
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056		10B. DATED (SEE ITEM 13) January 31, 2002			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:					
(a) By completing items 8 and 15, and returning <input type="checkbox"/> copies of the amendment. (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
ACCOUNTING AND APPROPRIATION DATA (If required)					
<i>See next page</i> <i>Increase \$5,061,106.02</i>					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)					
(x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return <u>0</u> copies to the issuing office.					
14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					
The purpose of this modification is to: 1.) Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 4) by \$5,061,106.02 and recapitulate prior funding. 2.) The purpose of this modification is to provisionally increase the estimated cost by \$2,335,821 (as shown on page 3) for the base period to cover costs in excess of the contract value. This provisional increase does not affect the right of either party to effect a definitive adjustment to the estimated cost in accordance with other applicable provisions of the contract. No adjustment in fee shall be made relative to the provisional increase in estimated cost. This modification shall be definitized by January 30, 2005. See enclosed pages for changes. The conformed contract in SPICE contains full text changes. Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances Mahan, Contracting Officer			
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>/s/F. Mahan</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>11/19/04</u>		

Deleted:

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

- (a) The total firm fixed price of Delivery Orders 1 through 2603 is \$26,015,003.26 as of November 18, 2004.
- (b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$27,260,691.08.'

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

- (a) The estimated cost of Annex 13 is \$2,920,970.00. The maximum available award fee, excluding base fee, if any, is \$114,339.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$3,035,309.00. This allotment covers Task Orders 800 through 1466 as of November 10, 2004.
- (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$3,057,253.01. An additional amount of \$112,366.40 is obligated under this contract for payment of fee, for a total of \$3,169,619.41."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$84,971,322.63. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through December 10, 2004.
- (b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee."

(End of clause)

Section B.6.1 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)(MARCH 1989)

- (a) Of the total price for phase-in and Annex 7 and 14, the sum of \$10,384,744.54 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

E. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITION

- (a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,413,142.97. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through December 31, 2004."

F. Section B.5 is replaced in its entirety with the following to reflect the provisional increase:

"B.5 ESTIMATED COST AND AWARD FEE (NASA 1852.216-85)(SEPTEMBER 1993)

The estimated cost of Annexes 1-5 and 8-12 is \$84,971,323. The maximum available award fee, excluding base fee, if any is \$2,294,327. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are \$87,265,650."

G. Contract Value Recapitulation – Cost Reimbursable:

	Estimated Cost	Award Fee	Total
Prior Contract Value:	\$82,635,502.00	\$2,294,327.00	\$84,929,829.00
This Modification:	\$ 2,335,821.00	\$ 0.00	\$ 2,335,821.00
Revised Contract Value:	\$84,971,323.00	\$2,294,327.00	\$87,265,650.00

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$27,182,768.08
This Action	\$89,423.00
	-\$1,500.00*Transfer to Annex 13 PR4200060894
	<u>-\$10,000.00</u> *Transfer to Annex 13 PR4200079684
New Obligation	\$27,260,691.08

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$3,027,013.01	\$111,106.40	\$3,138,119.41
This Action	\$20,000.00	\$0.00	\$20,000.00
	\$1,500.00	\$0.00	\$1,500.00*Transferred from Annex 6 PR# 4200060894
	\$10,000.00	\$0.00	\$10,000.00*Transferred from Annex 6 PR# 4200079684
	<u>-\$1,260.00</u>	<u>\$1,260.00</u>	<u>\$0.00</u> *Transfer from Cost to AF PR# 4200088737
New Obligation	\$3,057,253.01	\$112,366.40	\$3,169,619.41

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$80,603,430.09	\$1,771,282.73	\$82,374,712.82
This Action	<u>\$4,367,892.54</u>	<u>\$0.00</u>	<u>\$4,367,892.54</u>
New Obligation	\$84,971,322.63	\$1,771,282.73	\$86,742,605.36

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$9,884,954.06
This Action	<u>\$499,790.48</u>
New Obligation	\$10,384,744.54

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	<u>Est Cost</u>
Prior Obligation	\$1,329,142.97
This Action	\$84,000.00
New Obligation	\$1,413,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$122,027,753.21	\$1,881,944.13	\$123,909,697.34
This Action	<u>\$5,059,846.02</u>	<u>\$1,260.00</u>	<u>\$5,061,106.02</u>
New Obligation	\$127,087,599.23	\$1,883,204.13	\$128,970,803.36

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200090335	\$2,991,088.53			
4200091056	\$115,000.00			
4200091129	\$1,261,804.01			
		<u>Estimated Costs</u>	<u>Award Fee</u>	<u>Total</u>
TOTAL	\$4,367,892.54	\$4,367,892.54	\$0.00	\$4,367,892.54

<u>FIXED PRICE</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200090335	\$499,790.48
	\$0.00
TOTAL	\$499,790.48

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200090267	\$89,423.00
	\$0.00
	\$0.00
TOTAL	\$89,423.00

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200090267	\$20,000.00	\$0.00	\$20,000.00
	\$0.00	\$0.00	\$0.00
	\$20,000.00	\$0.00	\$20,000.00

<u>Supply</u>	
<u>PR#</u>	<u>EST COST</u>
4200089992	\$84,000.00
	\$84,000.00

TOTAL	\$5,061,106.02
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 986		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than item 6) Same as Block 6	
CODE		CODE		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058		9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056		10B. DATED (SEE ITEM 13) January 31, 2002			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.	
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).	
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	
d. OTHER (Specify type of modification and authority) X Mutual Agreement of the Parties	
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>3</u> copies to the issuing office.	

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to amend pre-priced construction line items in Section B.8: 1) CLIN 6.3.2.2(p), Provide and Install Cypher Lock (KP8276), and 2) CLIN 6.3.2.2(j), Paint Gyp Board Walls and Ceiling, to include 2 coats of paint.

The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Mike Dallas, General Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Fran L. Mahan	
15B. CONTRACTOR/OFFEROR /s/ M. Dallas (Signature of person authorized to sign)	15C. DATE SIGNED 11/29/04	16B. UNITED STATES OF AMERICA /s/F. Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 11/29/04

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14. Continued

A. Modify Section B.8, pre-priced construction line item, CLIN 6.3.2.2(p) to install a Sargent KP8276 vs. 8200 series, "Purchase and install Sargent KP8276 electronic Cypher lock with lever style handles. Modify existing door mortise in solid core wood door to accept Cypher lock. Sand existing door to roughen surface and wipe clean. Paint door with 1 finish coat Health Spec Low Odor latex enamel, minimum of 1.3 mils thickness. Brush or roller only."

FROM:

Priced Item Identifier	Sub- Identifier	Description
6.6.3.2.2	p	Provide and Install Cypher Lock

TO:

Priced Item Identifier	Sub- Identifier	Description
6.6.3.2.2	p	Provide and Install Cypher Lock

B. Modify Section B.8, pre-priced construction line item, CLIN 6.3.2.2(j) to include two coats of paint, "Repair surface defects and damage to leave wall smooth and ready for painting. Sand existing surface to roughen to enhance bond and wipe clean. Paint with 2 finish coats of Health Spec Low Odor latex enamel, minimum 1.5 mils thickness *each*. Brush or roller only."

FROM:

Priced Item Identifier	Sub- Identifier	Description
6.6.3.2.2	j	Paint Gyp Board Walls and Ceiling

TO:

Priced Item Identifier	Sub- Identifier	Description
6.6.3.2.2	j	Paint Gyp Board Walls and Ceiling

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 985		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					
CODE (X)		FACILITY CODE			
9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)			
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056		10B. DATED (SEE ITEM 13) January 31, 2002			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:					
(a) By completing Items 8 and 15, and returning <input type="checkbox"/> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
ACCOUNTING AND APPROPRIATION DATA (If required)					

See next page

Increase \$0

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)	
(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return <u>0</u> copies to the issuing office.	

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Cost Reimbursement - Annexes 1-5 and 8-12 and decrease the cumulative amounts for orders under Center Supply Acquisition - Annex 10 for funding purposes (as shown on page 3) by \$4,445,582.82. Increase the cumulative amounts for orders under Annex 13 and decrease the cumulative amounts for orders Annex 6 for funding purposes (as shown on page 3) by \$11,569.00 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances Mahan, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>/s/ F. Mahan</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>11/8/04</u>

Deleted:

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

- (a) The total firm fixed price of Delivery Orders 1 through 2584 is \$25,998,069.60 as of November 05, 2004.
- (b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$27,182,766.08."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

- (a) The estimated cost of Annex 13 is \$2,879,444.00. The maximum available award fee, excluding base fee, if any, is \$112,677.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$2,720,307.00. This allotment covers Task Orders 800 through 1463 as of November 02, 2004.
- (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$3,027,013.01. An additional amount of \$111,106.40 is obligated under this contract for payment of fee, for a total of \$3,138,119.41."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$80,603,430.09. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through November 04, 2004.
- (b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITION

- (a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,329,142.97. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through October 31, 2004."

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$27,194,337.08
This Action	\$0.00
	<u>-\$11,569.00</u> *Transfer to Annex 13 PR4200088583
New Obligation	\$27,182,768.08

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$3,015,889.01	\$110,661.40	\$3,126,550.41
This Action	\$0.00	\$0.00	\$0.00
	<u>\$11,124.00</u>	<u>\$445.00</u>	<u>\$11,569.00</u> *Transferred from Annex 6 PR# 4200088583
New Obligation	\$3,027,013.01	\$111,106.40	\$3,138,119.41

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$76,157,847.27	\$1,771,282.73	\$77,929,130.00
This Action	\$0.00	\$0.00	\$0.00
	<u>\$4,445,582.82</u>	<u>\$0.00</u>	<u>\$4,445,582.82</u> *Transferred from Annex 10
New Obligation	\$80,603,430.09	\$1,771,282.73	\$82,374,712.82

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$5,774,725.79
This Action	\$0.00
	<u>-\$4,445,582.82</u> *Transfer to Annex 1-5 & 8-12
New Obligation	\$1,329,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$122,027,753.21	\$1,881,944.13	\$123,909,697.34
This Action	<u>-\$445.00</u>	<u>\$445.00</u>	<u>\$0.00</u>
New Obligation	\$122,027,308.21	\$1,882,389.13	\$123,909,697.34

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 984		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)					
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338		7. ADMINISTERED BY (If other than Item 6) Same as Block 6			
8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					
CODE (X)		FACILITY CODE			
9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)			
10A. MODIFICATION OF CONTRACT/ORDER NO. X NAS9-01056		10B. DATED (SEE ITEM 13) January 31, 2002			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <input type="checkbox"/> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)					
(x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b), FAR 52.232-22 and NFS 1852.232-77					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
XX d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>3</u> copies to the issuing office.					
14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					
The purpose of this modification is to provisionally increase the estimated cost by \$7,000,000.00 for the base period to cover costs in excess of the contract value. This provisional increase does not affect the right of either party to effect a definitive adjustment to the estimated cost in accordance with other applicable provisions of the contract. No adjustment in fee shall be made relative to the provisional increase in estimated cost. This modification shall be definitized by January 30, 2005. The conformed contract in SPICE contains full text changes.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print) Mike Dallas, General Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances Mahan, Contracting Officer			
15B. CONTRACTOR/OFFEROR /s/ M. Dallas (Signature of person authorized to sign)	15C. DATE SIGNED 11/5/04	16B. UNITED STATES OF AMERICA BY /s/ F. Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 11/8/04		

Deleted:

Deleted:

14. Continued

A. Section B.5 is replaced in its entirety with the following to reflect the provisional increase:

"B.5 ESTIMATED COST AND AWARD FEE (NASA 1852.216-85)(SEPTEMBER 1993)

The estimated cost of Annexes 1-5 and 8-12 is \$82,635,502. The maximum available award fee, excluding base fee, if any, is \$2,294,327. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are \$84,929,829."

B. Contract Value Recapitulation – Cost Reimbursable:

	Estimated Cost	Award Fee	Total
Prior Contract Value:	\$75,635,502.00	\$2,294,327.00	\$77,929,829.00
This Modification:	\$ 7,000,000.00	\$ 0.00	\$ 7,000,000.00
Revised Contract Value:	\$82,635,502.00	\$2,294,327.00	\$84,929,829.00

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 983		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$1,171,315.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$1,171,315.00 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances Mahan, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Fran Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 10/26/04

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

- (a) The total firm fixed price of Delivery Orders 1 through 2569 is \$25,923,025.60 as of October 26, 2004.
- (b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$27,194,337.08."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

- (a) The estimated cost of Annex 13 is \$2,617,709.00. The maximum available award fee, excluding base fee, if any, is \$102,598.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$2,720,307.00. This allotment covers Task Orders 800 through 1461 as of October 22, 2004.
- (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$3,015,889.01. An additional amount of \$110,661.40 is obligated under this contract for payment of fee, for a total of \$3,126,550.41."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$76,157,847.54. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through November 04, 2004.
- (b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITION

- (a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$5,774,725.79. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through October 31, 2004."

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200088758	\$868,000.00			
	\$0.00			
		Estimated Costs	Award Fee	Total
TOTAL	\$868,000.00	\$868,000.00	\$0.00	\$868,000.00

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200088583	\$11,569.00
4200088585	\$3,146.00
4200088605	\$25,000.00
4200088737	\$212,500.00
	\$0.00
	\$0.00
TOTAL	\$252,215.00

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200088605	\$13,600.00	\$0.00	\$13,600.00
4200088737	\$36,058.00	\$1,442.00	\$37,500.00
	\$49,658.00	\$1,442.00	\$51,100.00

	TOTAL	\$1,171,315.00
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B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$27,157,371.45
This Action	\$252,215.00
	-\$1,090.00Transfer to Annex 13 PR# 02179DX1-002
	-\$1,039.00Transfer to Annex 13 PR# 4200022721
	-\$5,500.00Transfer to Annex 13 PR# 4200031139
	<u>-\$207,620.37</u> Transfer to Annex 13 PR# 4200085210
New Obligation	\$27,194,337.08

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$2,758,967.04	\$101,234.00	\$2,860,201.04
This Action	\$49,658.00	\$1,442.00	\$51,100.00
	\$1,090.00	\$0.00	\$1,090.00Transferred from Annex 6 PR# 02179DX1-002
	\$1,039.00	\$0.00	\$1,039.00Transferred from Annex 6 PR# 4200022721
	\$5,500.00	\$0.00	\$5,500.00Transferred from Annex 6 PR# 4200031139
	<u>\$199,634.97</u>	<u>\$7,985.40</u>	<u>\$207,620.37</u> Transferred from Annex 6 PR# 4200085210
New Obligation	\$3,015,889.01	\$110,661.40	\$3,126,550.41

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$76,157,847.27	\$1,771,282.73	\$77,929,130.00
This Action	\$868,000.00	\$0.00	\$868,000.00
	<u>-\$868,000.00</u>	<u>\$0.00</u>	<u>-\$868,000.00</u> *Transfer to Annex 10
New Obligation	\$76,157,847.27	\$1,771,282.73	\$77,929,130.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$9,884,954.06
This Action	<u>\$0.00</u>
New Obligation	\$9,884,954.06

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$4,906,725.79
This Action	\$0.00
	<u>\$868,000.00</u> *Transferred from Annex 1-5 & 8-12
New Obligation	\$5,774,725.79

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$120,865,865.61	\$1,872,516.73	\$122,738,382.34
This Action	<u>\$1,161,887.60</u>	<u>\$9,427.40</u>	<u>\$1,171,315.00</u>
New Obligation	\$122,027,753.21	\$1,881,944.13	\$123,909,697.34

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 982		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)					
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$1,527,573.11

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$1,527,573.11 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Gail Skowron	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Gail Skowron (Signature of Contracting Officer)	16C. DATE SIGNED 09/24/04

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

- (a) The total firm fixed price of Delivery Orders 1 through 2540 is \$25,644,076.31 as of September 24, 2004.
- (b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$27,157,371.45."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

- (a) The estimated cost of Annex 13 is \$2,465,575.00. The maximum available award fee, excluding base fee, if any, is \$96,542.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$2,562,117.00. This allotment covers Task Orders 800 through 1461 as of September 23, 2004.
- (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$2,758,967.04. An additional amount of \$101,234.00 is obligated under this contract for payment of fee, for a total of \$2,860,201.04."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$76,157,847.54. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through October 20, 2004.
- (b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)(MARCH 1989)

- (a) Of the total price for phase-in and Annex 7 and 14, the sum of \$9,884,954.06 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

E. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITION

- (a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$4,906,725.79. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through October 31, 2004."

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200087303	\$401,372.37			
4200087586	\$1,059,490.18			
		Estimated Costs	Award Fee	Total
TOTAL	\$1,460,862.55	\$1,460,862.55	\$0.00	\$1,460,862.55

<u>FIXED PRICE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200087303	\$65,339.69			
4200087586	\$1,370.87			
TOTAL	\$66,710.56			
		TOTAL	\$1,527,573.11	

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$27,354,813.45
This Action	\$0.00
	<u>-\$197,442.00</u> *Transfer to Annex 13 PR# 4200084204
New Obligation	\$27,157,371.45

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$2,569,423.04	\$93,336.00	\$2,662,759.04
This Action	\$0.00	\$0.00	\$0.00
	-\$7,898.00	\$7,898.00	\$0.00*Transferred from Cost to AF PR# 4200075557
	<u>\$197,442.00</u>	<u>\$0.00</u>	<u>\$197,442.00</u> *Transferred from Annex 6 PR# 4200084204
New Obligation	\$2,758,967.04	\$101,234.00	\$2,860,201.04

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$76,157,847.27	\$1,771,282.73	\$77,929,130.00
This Action	\$1,460,862.55	\$0.00	\$1,460,862.55
	<u>-\$1,460,862.55</u>	<u>\$0.00</u>	<u>-\$1,460,862.55</u> *Transfer to Annex 10
New Obligation	\$76,157,847.27	\$1,771,282.73	\$77,929,130.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$9,818,243.50
This Action	<u>\$66,710.56</u>
New Obligation	\$9,884,954.06

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$3,445,863.24
This Action	\$0.00
	<u>\$1,460,862.55</u> *Transferred from Annex 1-5 & 8-12
New Obligation	\$4,906,725.79

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$119,346,190.50	\$1,864,618.73	\$121,210,809.23
This Action	<u>\$1,519,675.11</u>	<u>\$7,898.00</u>	<u>\$1,527,573.11</u>
New Obligation	\$120,865,865.61	\$1,872,516.73	\$122,738,382.34

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 981		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Decrease \$3,452.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Decrease the amount available for funding purposes in Annex 6 (as shown on page2) by \$3,452.00 and recapitulate prior funding. See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Ludy Ingwersen (Signature of Contracting Officer)	16C. DATE SIGNED 09/23/04

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1. CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2539 is \$25,518,834.31 as of September 20, 2004.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is
\$27,354,813.45."

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$27,358,265.45	
This Action	\$0.00	
	<u>-\$3,452.00</u>	*De-Obligate Funds PR# 4200086682
New Obligation	\$27,354,813.45	

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$119,349,642.50	\$1,864,618.73	\$121,214,261.23
This Action	<u>-\$3,452.00</u>	<u>\$0.00</u>	<u>-\$3,452.00</u>
New Obligation	\$119,346,190.50	\$1,864,618.73	\$121,210,809.23

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 980		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
CODE		281-483-2338/34173 (fax)		CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$4,704,766.96

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$4,704,766.96 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Gail Skowron (Signature of Contracting Officer)	16C. DATE SIGNED 09/21/04

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

- (a) The total firm fixed price of Delivery Orders 1 through 2539 is \$25,518,834.31 as of September 20, 2004.
- (b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$27,358,265.45."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

- (a) The estimated cost of Annex 13 is \$2,432,549.00. The maximum available award fee, excluding base fee, if any, is \$95,221.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$2,527,770.00. This allotment covers Task Orders 800 through 1460 as of September 17, 2004.
- (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$2,569,423.04. An additional amount of \$93,336.00 is obligated under this contract for payment of fee, for a total of \$2,662,759.04."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$76,157,847.54. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through October 20, 2004.
- (b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee."

(End of clause)

D. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)(MARCH 1989)

- (a) Of the total price for phase-in and Annex 7 and 14, the sum of \$9,818,243.50 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

E. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITION

- (a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$3,445,863.97. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through October 31, 2004."

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200086460	\$2,094,427.01			
4200086767	\$69,023.64			
4200086529	\$1,544,935.57			
		Estimated Costs	Award Fee	Total
TOTAL	\$3,708,386.22	\$3,708,386.22	\$0.00	\$3,708,386.22

<u>FIXED PRICE</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200086529	\$115,050.34
TOTAL	\$115,050.34

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200066634	\$6,267.03
4200085164	\$121,165.00
4200085210	\$207,620.37
4200085366	\$23,965.00
4200085795	\$217,445.00
4200085832	\$9,683.00
4200086020	\$2,629.00
4200086110	\$25,000.00
4200086162	\$559.00
4200086338	\$85,000.00
4200086681	\$1,906.00
4200086682	\$3,452.00
TOTAL	\$704,691.40

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200085210	\$35,230.00	\$1,409.00	\$36,639.00
4200085712	\$38,462.00	\$1,538.00	\$40,000.00
4200086338	\$14,423.00	\$577.00	\$15,000.00
	\$88,115.00	\$3,524.00	\$91,639.00

<u>Supply</u>	
<u>PR#</u>	<u>EST COST</u>
4200085209	\$40,000.00
4200086438	\$45,000.00
	\$85,000.00
TOTAL	
	\$4,704,766.96

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$26,653,574.05
This Action	\$704,691.40
	<u>\$0.00</u>
New Obligation	\$27,358,265.45

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$2,481,308.04	\$89,812.00	\$2,571,120.04
This Action	\$88,115.00	\$3,524.00	\$91,639.00
	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
New Obligation	\$2,569,423.04	\$93,336.00	\$2,662,759.04

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$74,542,095.12	\$1,771,282.73	\$76,313,377.85
This Action	\$3,708,386.22	\$0.00	\$3,708,386.22
	\$17,093.32	\$0.00	\$17,093.32*Transferred from Annex 7& 14 PR# 4200064970
	\$6,992.88	\$0.00	\$6,992.88*Transferred from Annex 7& 14 PR# 4200070151
	<u>-\$2,116,720.27</u>	<u>\$0.00</u>	<u>-\$2,116,720.27*Transfer to Annex 10</u>
New Obligation	\$76,157,847.27	\$1,771,282.73	\$77,929,130.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$9,727,279.36
This Action	\$115,050.34
	-\$17,093.32*Transfer to Annex 1-5 & 8-12 PR# 4200064970
	<u>-\$6,992.88*Transfer to Annex 1-5 & 8-12 PR# 4200070151</u>
New Obligation	\$9,818,243.50

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$1,244,142.97
This Action	\$85,000.00
	\$2,116,720.27*Transferred from Annex 1-5 & 8-12
New Obligation	\$3,445,863.24

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$114,648,399.54	\$1,861,094.73	\$116,509,494.27
This Action	<u>\$4,701,242.96</u>	<u>\$3,524.00</u>	<u>\$4,704,766.96</u>
New Obligation	\$119,349,642.50	\$1,864,618.73	\$121,214,261.23

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 979		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$1,594,288.66

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$1,594,288.66 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances Mahan, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Fran Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 09/09/04

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2518 is \$24,852,357.85 as of September 08, 2004.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$26,653,574.05."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$2,401,243.00. The maximum available award fee, excluding base fee, if any, is \$93,969.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$2,495,212.00. This allotment covers Task Orders 800 through 1459 as of September 02, 2004.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$2,481,308.04. An additional amount of \$89,812.00 is obligated under this contract for payment of fee, for a total of \$2,571,120.04."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$74,542,095.12. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through September 20, 2004.

(b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee.

(End of clause)

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200083824	\$766,455.37			
4200082877	\$233,545.00			
		Estimated Costs	Award Fee	Total
TOTAL	\$1,000,000.37	\$1,000,000.37	\$0.00	\$1,000,000.37

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200084204	\$568,077.20
4200081834	\$11,640.09
	\$0.00
TOTAL	\$579,717.29

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200084204	\$32,558.00	\$0.00	\$32,558.00
	\$0.00		\$0.00
	\$32,558.00	\$0.00	\$32,558.00

TOTAL	\$1,612,275.66
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B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$26,091,843.76
This Action	\$579,717.29
	<u>-\$17,987.00</u> *De-obligate from PR# 4200079684
New Obligation	\$26,653,574.05

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$2,450,053.04	\$88,509.00	\$2,538,562.04
This Action	\$32,558.00	\$0.00	\$32,558.00
	<u>-\$1,303.00</u>	<u>\$1,303.00</u>	<u>\$0.00</u> *Transfer from Cost to AF PR# 4200075557
New Obligation	\$2,481,308.04	\$89,812.00	\$2,571,120.04

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$73,542,094.75	\$1,771,282.73	\$75,313,377.48
This Action	<u>\$1,000,000.37</u>	<u>\$0.00</u>	<u>\$1,000,000.37</u>
New Obligation	\$74,542,095.12	\$1,771,282.73	\$76,313,377.85

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$9,727,279.36
This Action	\$0.00
New Obligation	\$9,727,279.36

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$1,244,142.97
This Action	<u>\$0.00</u>
New Obligation	\$1,244,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$113,055,413.88	\$1,859,791.73	\$114,915,205.61
This Action	<u>\$1,592,985.66</u>	<u>\$1,303.00</u>	<u>\$1,594,288.66</u>
New Obligation	\$114,648,399.54	\$1,861,094.73	\$116,509,494.27

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 978		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058		281-483-2338/34173 (fax)		Same as Block 6	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$1,498,478.61

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$1,498,478.61 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances Mahan	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Frances Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 8/23/2004

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2478 is \$24,069,698.40 as of August 20, 2004.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$26,091,843.76."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$2,187,932.00. The maximum available award fee, excluding base fee, if any, is \$87,473.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$2,275,405.00. This allotment covers Task Orders 800 through 1454 as of August 16, 2004.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$2,450,053.04. An additional amount of \$88,509.00 is obligated under this contract for payment of fee, for a total of \$2,538,562.04."

(End of clause)

ANNEX 6	
PR#	\$ AMOUNT
4200079684	\$505,677.00
4200080908	\$595,000.00
4200081505	\$97,129.00
4200077501	\$86,544.49
4200081365	\$25,856.12
TOTAL	\$1,310,206.61

ANNEX 13			
PR#	EST COST	AWD FEE	TOTAL
4200080908	\$110,562.00	\$4,438.00	\$115,000.00
4200079684	\$56,000.00		\$56,000.00
4200077501	\$14,685.00	\$587.00	\$15,272.00
4200081505	\$2,000.00		\$2,000.00
	\$183,247.00	\$5,025.00	\$188,272.00

TOTAL	\$1,498,478.61
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B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$24,771,129.15
This Action	\$1,310,206.61
	\$508.00*Transferred from Annex 13 from PR# 02311NA1
	\$10,000.00*Transferred from Annex 13 from PR# 4200060894
New Obligation	\$26,091,843.76

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$2,279,634.04	\$81,164.00	\$2,360,798.04
This Action	\$183,247.00	\$5,025.00	\$188,272.00
	-\$508.00	\$0.00	-\$508.00*Transfer to Annex 6 from PR# 02311NA1
	-\$10,000.00	\$0.00	-\$10,000.00*Transfer to Annex 6 from PR# 4200060894
	<u>-\$2,320.00</u>	<u>\$2,320.00</u>	<u>\$0.00</u> *Transfer from Cost to AF PR# 4200056269
New Obligation	\$2,450,053.04	\$88,509.00	\$2,538,562.04

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$73,542,094.75	\$1,771,282.73	\$75,313,377.48
This Action	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
New Obligation	\$73,542,094.75	\$1,771,282.73	\$75,313,377.48

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$9,727,279.36
This Action	\$0.00
New Obligation	\$9,727,279.36

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$1,244,142.97
This Action	<u>\$0.00</u>
New Obligation	\$1,244,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$111,564,280.27	\$1,852,446.73	\$113,416,727.00
This Action	<u>\$1,491,133.61</u>	<u>\$7,345.00</u>	<u>\$1,498,478.61</u>
New Obligation	\$113,055,413.88	\$1,859,791.73	\$114,915,205.61

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 977		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
CODE		BJ3/JJH		CODE	
281-244-2492/34173 (fax)					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.	
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).	
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	
X	d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate changes into the Contract as shown on Page 2. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan	
15B. CONTRACTOR/OFFEROR <u>/s/ T. Short</u> (Signature of person authorized to sign)	15C. DATE SIGNED <u>8/27/04</u>	16B. UNITED STATES OF AMERICA <u>/s/ F. Mahan</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>8/27/04</u>

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 976		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$276,739.81

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the amount available for funding purposes (Annexes 1-5 and 8-12) by \$276,739.81 and recapitulate prior funding.
 See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Fran Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 8/12/2004

A. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$73,542,094.75.

This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through August 30, 2004.

(b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee.
(End of clause)"

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200080189	\$276,739.81			
		Estimated Costs	Award Fee	Total
TOTAL	\$276,739.81	\$276,739.81	\$0.00	\$276,739.81

	TOTAL	\$276,739.81
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B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$73,265,354.94	\$1,771,282.73	\$75,036,637.67
This Action	<u>\$276,739.81</u>	<u>\$0.00</u>	<u>\$276,739.81</u>
New Obligation	\$73,542,094.75	\$1,771,282.73	\$75,313,377.48

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$111,287,540.46	\$1,852,446.73	\$113,139,987.19
This Action	<u>\$276,739.81</u>	<u>\$0.00</u>	<u>\$276,739.81</u>
New Obligation	\$111,564,280.27	\$1,852,446.73	\$113,416,727.00

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 12	
2. AMENDMENT/MODIFICATION NO. 975		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058 281-483-3147/3-9741 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE (X)		FACILITY CODE	
9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056		10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.	
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).	
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	
X d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties	

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This purpose of this Modification is to increase the fixed price value by \$3,711,336 for contract years 3 - 5 to compensate for the wage/benefit increases due to the inclusion of the Collective Bargaining Agreement with the International Association of Machinists and Aerospace Workers, District Lodge 37, Local Lodge 1786 in Annex 14 based on the Contractor's Request for Equitable Adjustment. This modification represents a fair and equitable adjustment for the work contained herein. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) L.C. Rick Diehl, Senior Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan, Contracting Officer	
15B. CONTRACTOR/OFFEROR /s/ L.C. Diehl (Signature of person authorized to sign)	15C. DATE SIGNED 8/24/04	16B. UNITED STATES OF AMERICA /s/ F. Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 9/7/04

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14. Continued

A. From	To	Remarks
\$10,882,792	\$12,119,904	Modify Section B.4 to increase the FFP contract value (for base yrs and option 1) for work contained in Annexes 7 and 14 by \$1,237,112
\$3,095,509/\$13,978,301	\$4,332,621/\$16,452,525	Modify Section F.5 Option 2, Paragraph 1, to increase the option period by \$1,237,112 and the cumulative total of the FFP contract value for work contained in Annexes 7 and 14 by \$2,474,224.
3,088,650/\$17,066,951	\$4,325,762/\$20,778,287	Modify Section F.5 Option 3, Paragraph 1, to increase the option period by \$1,237,112 and the cumulative total of the FFP contract value for Annexes 7 and 14 by \$3,711,336.

B. Section B.7 is replaced in its entirety with the enclosed to reflect the changes in the schedule of prices for Annex 14. Please note that the only changes occur in Contract Years 3 - 5.

C. This modification requires DynCorp to provide the Government with a revised baseline within 30 days from the date of this modification.



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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 974		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-2338/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$1,609,167.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1. Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$1,609,167.00 and recapitulate prior funding. 2. Administrative correction to mod. 969 page 4, the Total Funding Obligations (Annexes 1-14) cost and award fee were erroneously stated. It is corrected to read "This Action" cost from \$1,770,618.00 to \$1,766,748.00 and the award fee from (\$8,394.00) to (\$4,130.00) and the "New Obligation" cost from \$109,680,315.46 to \$109,680,315.46 and the award fee from \$1,846,240.73 to \$1,850,504.73.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ Gail Skowron (Signature of Contracting Officer)	16C. DATE SIGNED 7/23/2004

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2439 is \$23,003,225.40 as of July 21, 2004.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$24,771,129.15."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$2,184,700.00. The maximum available award fee, excluding base fee, if any, is \$87,344.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$2,272,044.00. This allotment covers Task Orders 800 through 1453 as of July 16, 2004.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$2,279,634.04. An additional amount of \$81,164.00 is obligated under this contract for payment of fee, for a total of \$2,360,798.04."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$73,265,354.94. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through August 30, 2004.

(b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee.
(End of clause)"

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200074512	\$835,000.00			
		Estimated Costs	Award Fee	Total
TOTAL	\$835,000.00	\$835,000.00	\$0.00	\$835,000.00

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200073766	\$118,971.00
4200074154	\$392,697.00
4200075557	\$212,000.00
TOTAL	\$723,668.00

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200075557	\$36,058.00	\$1,942.00	\$38,000.00
4200074154	\$12,499.00		\$12,499.00
	\$48,557.00	\$1,942.00	\$50,499.00

	TOTAL	\$1,609,167.00
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B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$24,025,165.90
This Action	\$723,668.00
	\$20,000.00*Transferred from Annex 13 from PR# 4200060894
	\$2,000.00*Transferred from Annex 13 from PR# 02150DX1
	\$295.25*Transferred from Annex 13 from PR# 4200038461
	<u>\$0.00</u>
New Obligation	\$24,771,129.15

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$2,253,372.29	\$79,222.00	\$2,332,594.29
This Action	\$48,557.00	\$1,942.00	\$50,499.00
	-\$20,000.00	\$0.00	-\$20,000.00*Transfer to Annex 6 from PR# 4200060894
	-\$2,000.00	\$0.00	-\$2,000.00*Transfer to Annex 6 from PR# 02150DX1
	-\$295.25	\$0.00	-\$295.25*Transfer to Annex 6 from PR# 4200038461
	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
New Obligation	\$2,279,634.04	\$81,164.00	\$2,360,798.04

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$72,430,354.94	\$1,771,282.73	\$74,201,637.67
This Action	<u>\$835,000.00</u>	<u>\$0.00</u>	<u>\$835,000.00</u>
New Obligation	\$73,265,354.94	\$1,771,282.73	\$75,036,637.67

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$9,727,279.36
This Action	\$0.00
New Obligation	\$9,727,279.36

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$1,244,142.97
This Action	<u>\$0.00</u>
New Obligation	\$1,244,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$109,680,315.46	\$1,850,504.73	\$111,530,820.19
This Action	<u>\$1,607,225.00</u>	<u>\$1,942.00</u>	<u>\$1,609,167.00</u>
New Obligation	\$111,287,540.46	\$1,852,446.73	\$113,139,987.19

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 973		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
CODE		BJ3/JJH		CODE	
281-244-2492/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.	
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).	
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	
d. OTHER (Specify type of modification and authority) X Mutual Agreement of the Parties	

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to increase the cost reimbursable contract value for the addition of the Ethanol E85 Fuel Dispensing Operations. The conformed contract in SPICE contains full text changes

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Timothy F. Short, Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Gail Skowron	
15B. CONTRACTOR/OFFEROR /s/ T. Short (Signature of person authorized to sign)	15C. DATE SIGNED 9/20/04	16B. UNITED STATES OF AMERICA /s/ G. Skowron (Signature of Contracting Officer)	16C. DATE SIGNED 9/27/04

Deleted: Fran L. Mahan

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14. Continued

A. Section B is modified to increase the contract value as follows:

From	To	Remarks
\$75,634,831 \$2,294,300 \$77,929,131	\$76,635,501 \$2,294,327 \$77,929,828	Modify Section B.5 to increase the estimated cost of Annexes 1-5 and 8-12 by \$671 and available award fee by \$27 (ethanol operation increase for the Base Period and Option 1). The total estimated cost and award fee is \$77,929,828
\$26,139,619/\$101,774,450 \$792,610/\$3,086,910	\$26,141,214/\$101,776,715 \$792,674/\$3,087,001	Modify Section F.5 Option 2, Paragraph 2, to increase the option period estimated cost by \$1,594 and available award fee by \$64. This increases the cumulative total estimated cost and award fee by \$2,356.
\$27,158,183/\$128,932,633 \$826,982/\$3,913,892	\$27,160,099/\$128,936,814 \$827,059/\$3,914,060	Modify Section F.5 Option 3, Paragraph 2, to increase the option period estimated cost by \$1,916 and available award fee by \$76. This increases the cumulative total estimated cost and award fee by \$4,348.

B. Section C is modified by the insertion of new CLIN 4.2.1.7.4 as follows:

4.2.1.7.4	Ethanol E85 Fuel Dispensing Unit	Provide Ethanol E85 fuel service for 1,000 gallon above-ground tank fuel dispensing unit. The fuel will be Government-furnished under an existing Defense Ethanol Service Contract (DESC) Contract. The Contractor shall coordinate and schedule deliveries to ensure tank remains at least 25% full at all times. Receive, escort delivery vehicle, off load, and store fuel in existing storage tank. Inspect each bulk delivery of fuel to ensure that the transport vessel is vapor tight. Inspect hoses for visible leaks and terminate transfer if leak is observed. Record delivery time/date, and quantity dispensed to Ethanol E85 tank. Log results into a Government provided spreadsheet within 3 *workdays.	365 days	Fuel delivered within 7 days of request
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C. Section C, CLIN 4.2.2.5.3, fourth paragraph is modified from "copies to the **Operations** TMR within 2 workdays," to "copies to the **Environmental** TMR within 2 workdays." See below:

"Complete and sign the **Solid/Special Waste Manifest, found in **Environmental Reference for each quantity of waste removed from each grease trap onsite. Provide the Transporter, Secondary Transporter and Disposer copies of the manifest to the transporter to accompany the waste. Deliver the generator and Health Department copies to the **Environmental** *TMR within 2 workdays of signing the manifest."

14. Continued

D. Section J, Attachment B, Exhibit B-1 is modified to increase the available award fee as follows:

Period	From	To	Delta
6	\$385,462	\$385,489	\$27
7	\$396,305	\$396,337	\$32
8	\$396,305	\$396,337	\$32
9	\$413,491	\$413,529	\$38
10	\$413,491	\$413,529	\$38

E. Section J, Attachment G is modified to add the following: Annex 4.2.1.7.4, "Ethanol E85 Fuel Dispensing Unit":

Year	Unit
3	Ethanol E85 Fuel Dispensing Unit
4	Ethanol E85 Fuel Dispensing Unit
5	Ethanol E85 Fuel Dispensing Unit

F. This modification requires DynCorp to provide the Government with a revised baseline within 30 days from the date of this modification.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 971		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	
CODE		BJ3/T57		CODE	
281-244-2492/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate changes into the Contract as shown on Page 2. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Timothy Short, Contract Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan, Contracting Officer	
15B. CONTRACTOR/OFFEROR /s/ T. Short (Signature of person authorized to sign)	15C. DATE SIGNED 7/23/04	16B. UNITED STATES OF AMERICA /s/ F. Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 7/27/04

14. Continued

A. Section C, CLIN 9.4.3, paragraph (a) is revised to extend the monthly report due date from the 15th to the 30th day of each month. Update as follows:

“Surface Coating Facilities; Ensure surface coating activities comply with regulations.

a. Collect and maintain logs from building users, maintain operational data, and perform calculations for each surface coating facility and enter data into Government provided spreadsheet.

Using completed Surface Coating Log Forms provided by others, organize data from Log Forms to create monthly surface coating compliance record. Perform monthly calculations as required by TNRCC Standard Exemption #75 by the **30th day of each month** for the previous month’s data.”

B. Section C, CLIN 14.3.7, is revised to add paragraph 2 to Performance Requirements: Update as follows:

14.3.7	<p>Emergencies/Special Events/Visitor Custodial Services</p> <p>Custodial support services are provided for major emergencies, special events, Very Important Persons (VIP) visits, etc.</p>	<p>Provide custodial support services for contingencies including, but not limited to: major emergency situations, special events, VIP/dignitary visits, shuttle missions, and other similar occurrences. Provide support within 15 minutes for major emergency situations and within 24 hours for non-emergency situations. The timeframe covered by this CLIN will be 24 hours per day, 7 days per week (including holidays). See **Emergency/Special Events/Visitor Custodial Services.</p> <p><u>In addition to providing custodial support services for contingencies, the 11,000 man-hours may be utilized for services not identified in the CLINs above such as steam cleaning of carpets, exterior pest control within 4 feet of the perimeter, JACHO cleaning in Building 8, window washing above the 1st floor, and conference room and cubicle fabric wall vacuuming. These services will be performed in accordance with an annual work plan or at the TMR's direction.</u></p>	11,000 man-hours.	Custodial support is provided accurately and on time.
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14. Continued

C. Section J-G, is updated to reflect the # of drawings per mission as outlined in the SOW:

Contract Year 1

From:

4.2.1.2.2.a	c	Provide Utility System Drawings
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To:

4.2.1.2.2.a	c	Provide Utility System Drawings
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Contract Year 2

From:

4.2.1.2.2.a	c	Provide Utility System Drawings
-------------	---	---------------------------------

To:

4.2.1.2.2.a	c	Provide Utility System Drawings
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Contract Year 3

From:

4.2.1.2.2.a	c	Provide Utility System Drawings
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To:

4.2.1.2.2.a	c	Provide Utility System Drawings
-------------	---	---------------------------------

Contract Year 4

From:

4.2.1.2.2.a	c	Provide Utility System Drawings
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To:

4.2.1.2.2.a	c	Provide Utility System Drawings
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 8	
2. AMENDMENT/MODIFICATION NO. 970		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than item 6) Same as Block 6	
8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					
CODE (X)		FACILITY CODE			
9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)			
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056		10B. DATED (SEE ITEM 13) January 31, 2002			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:					
(a) By completing Items 8 and 15, and returning <input type="checkbox"/> copies of the amendment. (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(X)					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
X d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>3</u> copies to the issuing office.					
14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) This purpose of this Modification is to increase the fixed price value by \$1,821,966 to compensate for the wage/benefit increases due to the inclusion of the Collective Bargaining Agreement with the International Association of Machinists and Aerospace Workers, District Lodge 37, Local Lodge 1786 in Annex 14 based on the Contractor's Request for Equitable Adjustment. This modification represents a fair and equitable adjustment for the work contained herein. The conformed contract in SPICE contains full text changes. Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print) L. C. Rick Diehl, Senior Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan, Contracting Officer			
15B. CONTRACTOR/OFFEROR <u>/s/ L. Diehl</u> (Signature of person authorized to sign)	15C. DATE SIGNED <u>8/4/04</u>	16B. UNITED STATES OF AMERICA <u>/s/ F. Mahan</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>8/6/04</u>		

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14. Continued

A. From	To	Remarks
\$9,060,826	\$10,882,792	Modify Section B.4 to increase the FFP contract value (for base yrs and option 1) for work contained in Annexes 7 and 14 by \$1,821,966
\$3,095,509/\$12,156,335	\$3,095,509/\$13,978,301	Modify Section F.5 Option 2, Paragraph 1, to increase the option period by \$0 and the cumulative total of the FFP contract value for work contained in Annexes 7 and 14 by \$1,821,966.
3,088,650/\$15,244,985	\$3,088,650/\$17,066,951	Modify Section F.5 Option 3, Paragraph 1, to increase the option period by \$0 and the cumulative total of the FFP contract value for Annexes 7 and 14 by \$1,821,966.

B. Section B.7 is replaced in its entirety with the enclosed to reflect the changes in the schedule of prices for Annex 14. Please note that the only changes occur in Contract Years 1 -2. .

C. This modification requires DynCorp to provide the Government with a revised baseline within 30 days from the date of this modification.



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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 969		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058 281-483-4214/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$1,762,618.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1. Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$1,762,618.00 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>/s/ F. Davidson</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>6/23/04</u>

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

- (a) The total firm fixed price of Delivery Orders 1 through 2394 is \$22,343,574.46 as of June 22, 2004.
- (b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$24,025,165.90."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

- (a) The estimated cost of Annex 13 is \$2,126,344.00. The maximum available award fee, excluding base fee, if any, is \$85,010.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$2,211,354.00. This allotment covers Task Orders 800 through 1448 as of June 08, 2004.
- (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$2,253,372.29. An additional amount of \$79,222.00 is obligated under this contract for payment of fee, for a total of \$2,332,594.29."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$72,430,354.94. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through August 15, 2004.
- (b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee.
(End of clause)"

D. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)

- (a) Of the total price for phase-in and Annex 7 and 14, the sum of \$9,727,279.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

E. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITION

- (a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,244,142.97. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through September 30, 2004."

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200070151	\$720,983.00			
		Estimated Costs	Award Fee	Total
TOTAL	\$720,983.00	\$720,983.00	\$0.00	\$720,983.00

<u>FIXED PRICE</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200070151	\$279,017.00
TOTAL	\$279,017.00

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200068483	\$18,364.00
4200068484	\$12,287.00
4200069008	\$6,292.00
4200069195	\$6,234.00
4200069198	\$110,983.00
4200069226	\$15,806.00
4200069230	\$124,501.00
4200070001	\$324,080.00
TOTAL	\$618,547.00

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200070001	\$14,071.00		\$14,071.00
			\$0.00
	\$14,071.00	\$0.00	\$14,071.00

<u>Supply</u>	
<u>PR#</u>	<u>EST COST</u>
4200070301	\$130,000.00
	\$130,000.00

TOTAL	\$1,748,547.00
--------------	-----------------------

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$23,199,370.90
This Action	\$618,547.00
	\$10,248.00*Admin Error Transfer from Annex 13 PR#4200066993
	-\$1,000.00*Transfer to Annex 13 from PR# 4200065132
	-\$2,000.00*Transfer to Annex 13 from PR# 4200038461
	\$200,000.00*Transfer from Annex 13
New Obligation	\$24,025,165.90

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$2,442,419.29	\$83,352.00	\$2,525,771.29
This Action	\$14,071.00	\$0.00	\$14,071.00
	-\$9,854.00	-\$394.00	-\$10,248.00* Admin Error Transfer to Annex 6
	-\$4,264.00	\$4,264.00	\$0.00* Transfer Cost to AF for PR#4200056269
	\$1,000.00	\$0.00	\$1,000.00*Transfer from Annex 6
	\$2,000.00	\$0.00	\$2,000.00*Transfer from Annex 6
	<u>-\$192,000.00</u>	<u>-\$8,000.00</u>	<u>-\$200,000.00*Transfer to Annex 6 from PR#4200056269</u>
New Obligation	\$2,253,372.29	\$79,222.00	\$2,332,594.29

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$71,709,371.94	\$1,771,282.73	\$73,480,654.67
This Action	<u>\$720,983.00</u>	<u>\$0.00</u>	<u>\$720,983.00</u>
New Obligation	\$72,430,354.94	\$1,771,282.73	\$74,201,637.67

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$9,448,262.36
This Action	\$279,017.00
New Obligation	\$9,727,279.36

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$1,114,142.97
This Action	<u>\$130,000.00</u>
New Obligation	\$1,244,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$107,913,567.46	\$1,854,634.73	\$109,768,202.19
This Action	<u>\$1,770,618.00</u>	<u>-\$8,394.00</u>	<u>\$1,762,618.00</u>
New Obligation	\$109,684,185.46	\$1,846,240.73	\$111,530,820.19

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. 968		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)					
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		CODE BJ3/JJG		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
281-483-3147/3-9741 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
d. OTHER (Specify type of modification and authority) X Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This purpose of this Modification is to increase the fixed price value by \$19,928 for the installation, set-up and tear-down of holiday decorations in Annex 7 based on the Contractor's Request for Equitable Adjustment. This modification represents a fair and equitable adjustment for the work contained herein. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan, Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA /s/ F. Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 6/24/04

14. Continued

A. <u>From</u>	<u>To</u>	<u>Remarks</u>
\$9,040,898	\$9,060,826	Modify Section B.4 to increase the FFP contract value (for base yrs and option 1) for work contained in Annexes 7 and 14 by \$19,928
\$3,095,509/\$12,136,407	\$3,095,509/\$12,156,335	Modify Section F.5 Option 2, Paragraph 1, to increase the option period by \$0 and the cumulative total of the FFP contract value for work contained in Annexes 7 and 14 by \$19,928.
3,088,650/\$15,225,057	\$3,088,650/\$15,244,985	Modify Section F.5 Option 3, Paragraph 1, to increase the option period by \$0 and the cumulative total of the FFP contract value for Annexes 7 and 14 by \$19,928.

B. Section B.7 is replaced in its entirety with the enclosed to reflect the addition of CLIN 7.13.3 in the schedule of prices for Annex 7 for CY2 only.

C. This modification requires DynCorp to provide the Government with a revised baseline within 30 days from the date of this modification.



B.7 changes3.xls

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 33	
2. AMENDMENT/MODIFICATION NO. 967		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Cody Corley 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	
CODE BJ3/JJG		CODE			
281-483-3147/3-9741 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
d. OTHER (Specify type of modification and authority) X Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This purpose of this Modification is to increase the fixed price value by \$182,015 for the additional lawn maintenance caused by the installation of security bollards in Annex 7 based on the Contractor's Request for Equitable Adjustment. This modification represents a fair and equitable adjustment for the work contained herein. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Timothy F. Short, Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frances L. Mahan, Contracting Officer	
15B. CONTRACTOR/OFFEROR /s/ T. Short (Signature of person authorized to sign)	15C. DATE SIGNED 6/30/04	16B. UNITED STATES OF AMERICA /s/ F. Mahan (Signature of Contracting Officer)	16C. DATE SIGNED 6/30/04

NSN 7540-01-152-8070
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Prescribed by GSA
FAR (48 CFR) 53.243

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14. Continued

A.	From	To	Remarks
	\$8,963,011	\$9,040,898	Modify Section B.4 to increase the FFP contract value (for Base Yrs and Option 1) for work contained in Annexes 7 and 14 by \$77,887
	\$3,043,445/\$12,006,456	\$3,095,509/\$12,136,407	Modify Section F.5 Option 2, Paragraph 1, to increase the option period by \$52,064 and the cumulative total of the FFP contract value for work contained in Annexes 7 and 14 by \$129,951.
	\$3,036,586/\$15,043,042	\$3,088,650/\$15,225,057	Modify Section F.5 Option 3, Paragraph 1, to increase the option period by \$52,064 and the cumulative total of the FFP contract value for Annexes 7 and 14 by \$182,015.

B. Section B.7 is replaced in its entirety with the enclosed to reflect the changes in the schedule of prices for Annex 7. Please note that the only changes occur in Contract Years 2 – 5.

C. Section C, Annex 7 is replaced in its entirety with the enclosed to reflect the changes in the performance requirements and workload data.

D. This modification requires DynCorp to provide the Government with a revised baseline within 30 days from the date of this modification.



B.7 changes2.xls



Sec. C Annex 7

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 965		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ/Fran Mahan 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
CODE		CODE		281-483-4214/34173 (fax)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$3,989,250.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

1. Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$3,989,250.00 and recapitulate prior funding. 2. Administrative correction to Sect B.5.1(a) cumulative total only; previous totals overstated by \$140,400.00 on modifications 941 - 963 due to a typo on the IDIQ value total on TO# 1232-2 dated 7/29/03.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <u>Gail Skowron</u>	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>/s/ G. Skowron</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>5/25/04</u>

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2350 is \$21,027,220.41 as of May 20, 2004.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$23,201,351.90."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$2,074,818.00. The maximum available award fee, excluding base fee, if any, is \$82,949.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$2,157,767.00. This allotment covers Task Orders 800 through 1448 as of May 13, 2004.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$2,442,419.29. An additional amount of \$83,352.00 is obligated under this contract for payment of fee, for a total of \$2,525,771.29."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$71,709,371.94. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through August 15, 2004.

(b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee.
(End of clause)"

D. Section H.3 is replaced in its entirety with the following:

**"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)**

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$9,448,262.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200064970	\$2,808,158.00			
		Estimated Costs	Award Fee	Total
TOTAL	\$2,808,158.00	\$2,808,158.00	\$0.00	\$2,808,158.00

<u>FIXED PRICE</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200064970	\$901,842.00
TOTAL	\$901,842.00

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200063004	\$728.00
4200066138	\$1,137.00
4200066309	\$10,780.00
4200066321	\$12,243.00
4200066325	\$12,511.00
4200066329	\$1,354.00
4200062639	\$55,000.00
4200065132	\$167,649.00
4200066993	\$56,093.00
TOTAL	\$317,495.00

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200066993	\$9,854.00	\$2,375.00	\$12,229.00
4200065132	\$49,526.00		\$49,526.00
	\$59,380.00	\$2,375.00	\$61,755.00

TOTAL	\$4,089,250.00
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B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$22,871,875.90
This Action	\$317,495.00
	\$10,000.00*Transfer from Annex 13
New Obligation	\$23,199,370.90

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$2,393,039.29	\$80,977.00	\$2,474,016.29
This Action	\$59,380.00	\$2,375.00	\$61,755.00
	<u>-\$10,000.00</u>	<u>\$0.00</u>	<u>-\$10,000.00</u> *Transfer to Annex 6 from PR#4200046341
New Obligation	\$2,442,419.29	\$83,352.00	\$2,525,771.29

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$68,901,213.94	\$1,771,282.73	\$70,672,496.67
This Action	<u>\$2,808,158.00</u>	<u>\$0.00</u>	<u>\$2,808,158.00</u>
New Obligation	\$71,709,371.94	\$1,771,282.73	\$73,480,654.67

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$8,646,420.36
This Action	\$901,842.00
	-\$100,000.00*Deobligation from PR#4200051677
New Obligation	\$9,448,262.36

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$1,114,142.97
This Action	<u>\$0.00</u>
New Obligation	\$1,114,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$103,926,692.46	\$1,852,259.73	\$105,778,952.19
This Action	<u>\$3,986,875.00</u>	<u>\$2,375.00</u>	<u>\$3,989,250.00</u>
New Obligation	\$107,913,567.46	\$1,854,634.73	\$109,768,202.19

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 964		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)					
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than item 6) Same as Block 6		CODE	
281-244-2492/34173 (fax)					
8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					
CODE (X)		FACILITY CODE			
9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)			
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056		10B. DATED (SEE ITEM 13) January 31, 2002			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:					
(a) By completing items 8 and 15, and returning <input type="checkbox"/> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
D. OTHER (Specify type of modification and authority) X Mutual Agreement of the Parties					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>3</u> copies to the issuing office.					
14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					
The purpose of this modification is to increase the cost reimbursable contract value for the overtime increase as shown on page 2. This modification represents a fair and equitable adjustment for the work contained herein. The conformed contract in SPICE contains full text changes					
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print) L.C. Rick Diehl, Sr. Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Fran Mahan, Contracting Officer			
15B. CONTRACTOR/OFFEROR /s/ L.C. Diehl (Signature of person authorized to sign)		15C. DATE SIGNED 5/6/04		16B. UNITED STATES OF AMERICA /s/ F. Mahan (Signature of Contracting Officer)	
				16C. DATE SIGNED 5/18/04	

Deleted: Valerie A. Marburger

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14. Continued

A. From	To	Remarks
\$74,694,966 \$2,294,300 \$76,989,266	\$75,634,831 \$2,294,300 \$77,929,131	Modify Section B.5 to increase the estimated cost of Annexes 1-5 and 8-12 by \$939,865 (overtime increase for the Base Period and Option 1). (No increase in fee) The total estimated cost and award fee is \$77,929,131
\$25,830,840/\$100,525,806	\$26,139,619/\$101,774,450	Modify Section F.5 Option 2, Paragraph 2, to increase the option period estimated cost by \$308,779. (No increase in fee). This increases the cumulative total estimated cost by \$1,248,644.
\$26,840,337/\$127,366,143	\$27,158,183/\$128,932,633	Modify Section F.5 Option 3, Paragraph 2, to increase the option period estimated cost by \$317,846. (No increase in fee). This increases the cumulative total estimated cost by \$1,566,490.

B. This modification requires DynCorp to provide the Government with a revised baseline within 30 days from the date of this modification.

C. Release of Claims: In consideration of the modification agreed to herein as a complete and equitable adjustment for incumbent exempt wages, the contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the changes.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 963		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
NASA Lyndon B. Johnson Space Center Attn: BJ/Robert T. Labrier 2101 NASA Parkway Houston, TX 77058		281-483-4214/34173 (fax)		Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$891,394.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$891,394.00 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Robert T. Labrier	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>/s/ R. LaBrier</u> (Signature of Contracting Officer)	16C. DATE SIGNED 4/22/04

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2301 is \$20,287,810.25 as of April 19, 2004.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$22,871,875.90."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$2,026,954.00. The maximum available award fee, excluding base fee, if any, is \$81,034.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$2,248,388.00. This allotment covers Task Orders 800 through 1446 as of April 14, 2004.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$2,393,039.29. An additional amount of \$80,977.00 is obligated under this contract for payment of fee, for a total of \$2,474,016.29."

C. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

(a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,114,142.97. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through June 30, 2004."

ANNEX 6	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200060894	\$428,500.00
4200034330	\$12,970.00
4200059301	\$4,017.00
4200057566	\$5,442.00
4200058994	\$110,562.00
4200061448	\$10,161.00
4200061274	\$107,916.00
TOTAL	\$679,568.00

ANNEX 13			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200060894	\$43,000.00		\$43,000.00
	\$43,000.00	\$0.00	\$43,000.00

Supply	
<u>PR#</u>	<u>EST COST</u>
4200056167	\$205,000.00
	\$205,000.00

	TOTAL	\$927,568.00
--	--------------	---------------------

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$22,208,481.90
This Action	\$679,568.00
	-\$36,174.00*Deobligation from PR#4200031499
	<u>\$20,000.00</u> *Transfer from Annex 13
New Obligation	\$22,871,875.90

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$2,370,039.29	\$80,977.00	\$2,451,016.29
This Action	\$43,000.00	\$0.00	\$43,000.00
	<u>-\$20,000.00</u>	<u>\$0.00</u>	<u>-\$20,000.00</u> *Transfer to Annex 6 from PR#4200046341
New Obligation	\$2,393,039.29	\$80,977.00	\$2,474,016.29

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$68,901,213.94	\$1,771,282.73	\$70,672,496.67
This Action	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
New Obligation	\$68,901,213.94	\$1,771,282.73	\$70,672,496.67

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$8,646,420.36
This Action	<u>\$0.00</u>
New Obligation	\$8,646,420.36

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$909,142.97
This Action	<u>\$205,000.00</u>
New Obligation	\$1,114,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$103,035,298.46	\$1,852,259.73	\$104,887,558.19
This Action	<u>\$891,394.00</u>	<u>\$0.00</u>	<u>\$891,394.00</u>
New Obligation	\$103,926,692.46	\$1,852,259.73	\$105,778,952.19

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 10	
2. AMENDMENT/MODIFICATION NO. 962		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
CODE		BJ3/T57		CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.	
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22	
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	
d. OTHER (Specify type of modification and authority) X Mutual Agreement of the Parties	

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate changes into the Contract as shown on Page 2. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Timothy Short, Contract Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Gail A. Skowron, Contracting Officer	
15B. CONTRACTOR/OFFEROR <u>/s/ T. Short</u> (Signature of person authorized to sign)	15C. DATE SIGNED <u>4/21/04</u>	16B. UNITED STATES OF AMERICA <u>/s/ G. Skowron</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>5/3/04</u>

14. Continued

A. Insert the following clause in full text in Section I.

I.18 Buy American Act-Construction Materials under Trade Agreements (52.225-11) (Jan 2004)

(a) *Definitions.* As used in this clause-

"Component" means an article, material, or supply incorporated directly into a construction material.

"Construction material" means an article, material, or supply brought to the construction site by the Contractor or subcontractor for incorporation into the building or work. The term also includes an item brought to the site preassembled from articles, materials, or supplies. However, emergency life safety systems, such as emergency lighting, fire alarm, and audio evacuation systems, that are discrete systems incorporated into a public building or work and that are produced as complete systems, are evaluated as a single and distinct construction material regardless of when or how the individual parts or components of those systems are delivered to the construction site. Materials purchased directly by the Government are supplies, not construction material.

"Cost of components" means-

(1) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the construction material (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or

(2) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the end product.

"Designated country" means any of the following countries:

Aruba	Kiribati
Austria	Korea, Republic of
Bangladesh	Lesotho
Belgium	Liechtenstein
Benin	Luxembourg
Bhutan	Malawi
Botswana	Maldives
Burkina Faso	Mali
Burundi	Mozambique
Canada	Nepal
Cape Verde	Netherlands
Central African Republic	Niger
Chad	Norway
Comoros	Portugal
Denmark	Rwanda
Djibouti	Sao Tome and Principe
Equatorial Guinea	Sierra Leone
Finland	Singapore
France	Somalia

Gambia	Spain
Germany	Sweden
Greece	Switzerland
Guinea	Tanzania U.R.
Guinea-Bissau	Togo
Haiti	Tuvalu
Hong Kong	Uganda
Iceland	United Kingdom
Ireland	Vanuatu
Israel	Western Samoa
Italy	Yemen
Japan	

"Designated country construction material" means a construction material that-

- (1) Is wholly the growth, product, or manufacture of a designated country; or
- (2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a designated country into a new and different construction material distinct from the materials from which it was transformed.

"Domestic construction material" means-

- (1) An unmanufactured construction material mined or produced in the United States; or
- (2) A construction material manufactured in the United States, if the cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind for which nonavailability determinations have been made are treated as domestic.

"Foreign construction material" means a construction material other than a domestic construction material.

"Free Trade Agreement country" means Canada, Chile, Mexico, or Singapore.

"Free Trade Agreement country construction material" means a construction material that-

- (1) Is wholly the growth, product, or manufacture of a Free Trade Agreement (FTA) country; or
- (2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a FTA country into a new and different construction material distinct from the materials from which it was transformed.

"United States" means the 50 States, the District of Columbia, and outlying areas.

(b) *Construction materials.*

(1) This clause implements the Buy American Act (41 U.S.C. 10a - 10d) by providing a preference for domestic construction material. In addition, the Contracting Officer has determined that the Trade Agreements Act and Free Trade Agreements (FTAs) apply to this acquisition. Therefore, the Buy American Act restrictions are waived for designated country and FTA country construction materials.

(2) The Contractor shall use only domestic, designated country, or FTA country construction material in performing this contract, except as provided in paragraphs (b)(3) and (b)(4) of this clause.

(3) The requirement in paragraph (b)(2) of this clause does not apply to the construction materials or components listed by the Government as follows: none.

(4) The Contracting Officer may add other foreign construction material to the list in paragraph (b)(3) of this clause if the Government determines that-

(i) The cost of domestic construction material would be unreasonable. The cost of a particular domestic construction material subject to the restrictions of the Buy American Act is unreasonable when the cost of such material exceeds the cost of foreign material by more than 6 percent;

(ii) The application of the restriction of the Buy American Act to a particular construction material would be impracticable or inconsistent with the public interest; or

(iii) The construction material is not mined, produced, or manufactured in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality.

(c) *Request for determination of inapplicability of the Buy American Act.*

(1)(i) Any Contractor request to use foreign construction material in accordance with paragraph (b)(4) of this clause shall include adequate information for Government evaluation of the request, including-

(A) A description of the foreign and domestic construction materials;

(B) Unit of measure;

(C) Quantity;

(D) Price;

(E) Time of delivery or availability;

(F) Location of the construction project;

(G) Name and address of the proposed supplier; and

(H) A detailed justification of the reason for use of foreign construction materials cited in accordance with paragraph (b)(3) of this clause.

(ii) A request based on unreasonable cost shall include a reasonable survey of the market and a completed price comparison table in the format in paragraph (d) of this clause.

(iii) The price of construction material shall include all delivery costs to the construction site and any applicable duty (whether or not a duty-free certificate may be issued).

(iv) Any Contractor request for a determination submitted after contract award shall explain why the Contractor could not reasonably foresee the need for such determination and could not have requested the determination before contract award. If the Contractor does not submit a satisfactory explanation, the Contracting Officer need not make a determination.

(2) If the Government determines after contract award that an exception to the Buy American Act applies and the Contracting Officer and the Contractor negotiate adequate consideration, the Contracting Officer will modify the contract to allow use of the foreign construction material. However, when the basis for the exception is the unreasonable price of a domestic construction material, adequate consideration is not less than the differential established in paragraph (b)(4)(i) of this clause.

(3) Unless the Government determines that an exception to the Buy American Act applies, use of foreign construction material is noncompliant with the Buy American Act.

(d) *Data.* To permit evaluation of requests under paragraph (c) of this clause based on unreasonable cost, the Contractor shall include the following information and any applicable supporting data based on the survey of suppliers:

Foreign and Domestic Construction Materials Price Comparison

<u>Construction Material Description</u>	<u>Unit of Measure</u>	<u>Quantity</u>	<u>Price (Dollars)*</u>
<i>Item 1:</i>			
Foreign construction material	_____	_____	_____
	-	-	
Domestic construction material	_____	_____	_____
	-	-	
<i>Item 2:</i>			
Foreign construction material	_____	_____	_____
	-	-	
Domestic construction material	_____	_____	_____
	-	-	

(e) United States law will apply to resolve any claim of breach of this contract.

(End of clause)

B. Due to the insertion of the clause above, renumber the following:

From: I.18 PATENT INDEMNITY –Construction Contracts

To: I.19 PATENT INDEMNITY –Construction Contracts

From: I.19 LISTING OF CLAUSES INCORPORATED BY REFERENCE

To: I.20 LISTING OF CLAUSES INCORPORATED BY REFERENCE

C. Section G 13, paragraph 2 is revised to increase the total contract goal from 37.7% to 38.7% due to a mandate to include 1% Historically Black Colleges and Universities. Update as follows:

“The total subcontracting goal expressed, as a percent of total contract value, is 38.7%, including options and includes the following goals:

Small disadvantaged Business Concerns	17 percent
Woman-owned Business Concerns	6.6 percent
HUBZone Small Business Concerns	5.7 percent
Veteran-Owned Business Concerns	7.6 percent
Historically Black Colleges and Universities	1.0 percent”

D. Section C, CLIN 9.4.4.d, paragraph 3 is revised to extend the providing of sampling results from within 1 week to within 2 weeks. Update as follows:

“Samples shall be analyzed for True Vapor Pressure (TVP) and Reid Vapor Pressure (RVP). Report analytical results to Environmental *TMR. Results shall be provided within 2 weeks of sampling.”

E. Section C, CLIN 9.16.8.3, paragraph 2 is revised from 25 days to 2 weeks of receipt of call letter to enter data into NETS. Update as follows:

“Enter all required data into NETS within 2 weeks of receipt of call letter from HQ, annually for previous fiscal year activities.”

**AMENDMENT OF SOLICITATION/
MODIFICATION OF CONTRACT**1. CONTRACT ID CODE
NAS9-01056PAGE OF PAGES
1 2

2. AMENDMENT/MODIFICATION NO. 961	3. EFFECTIVE DATE Same as Block 16c	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058	CODE BJ3/JJH 281-244-2492/34173 (fax)	7. ADMINISTERED BY (If other than Item 6) Same as Block 6	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)

DynCorp Technical Services, LLC
Attn: DYNCOSS/Michael D. Dallas, Program Manager
2101 NASA Parkway
Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

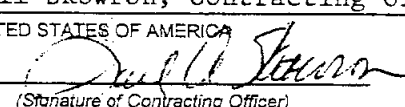
14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to replace in its entirety Modification 958.

This modification reduces the provisional increase by the same amount of the increase reflected on Mod 949 (\$11,277,714). The provisional increase is no longer necessary now that Option 1 of the contract has been exercised and contract value has increased. This modification will decrease the provisional increase from Modification Number 949 as shown on page 2.

The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Gail Skowron, Contracting Officer
15B. CONTRACTOR OFFEROR (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED 4/12/04

14. Continued

A. From

To

Remarks

\$85,972,680/\$88,266,979	\$74,694,966/\$76,989,266	Modify Section B.5 to decrease the provisional increase in the estimated cost of Annexes 1-5 and 8-12 by \$11,277,714 (No change in fee). The total estimated cost and award fee is \$76,989,266.
\$25,830,840/\$111,803,520	\$25,830,840/\$100,525,806	Modify Section F.5 Option 2, Paragraph 2, to decrease the cumulative option period estimated cost (No change in fee).
\$26,840,337/\$138,643,857	\$26,840,337/\$127,366,143	Modify Section F.5 Option 3, Paragraph 2, to decrease the cumulative option period estimated cost. (No increase in fee).

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 960		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
NASA Lyndon B. Johnson Space Center Attn: BJ/Robert T. Labrier 2101 NASA Parkway Houston, TX 77058		281-483-4214/34173 (fax)		Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No. street county State and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$15,284,579.46

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$15,284,579.46 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Robert T. Labrier		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Robert T. Labrier	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Robert T. Labrier</u> (Signature of Contracting Officer)	16C. DATE SIGNED 3/19/04

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2060-3 is \$19,351,393.88 as of March 18, 2004.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$22,208,481.90."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$1,730,534.00. The maximum available award fee, excluding base fee, if any, is \$69,177.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$1,940,111.00. This allotment covers Task Orders 800 through 1376-6 as of March 18, 2004.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$2,370,039.29. An additional amount of \$80,977.00 is obligated under this contract for payment of fee, for a total of \$2,451,016.29."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$68,901,213.94. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through August 1, 2004.

(b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee.
(End of clause)"

D. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$8,646,420.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200056229	\$11,598,746.26			
		<u>Estimated Costs</u>	<u>Award Fee</u>	<u>Total</u>
TOTAL	\$11,598,746.26	\$11,598,746.26	\$0.00	\$11,598,746.26

<u>FIXED PRICE</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200056229	\$1,939,976.00
TOTAL	\$1,939,976.00

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200056662	\$6,034.00
4200056664	\$27,682.00
4200056667	\$24,849.00
4200056672	\$2,332.00
4200056673	\$3,689.00
4200055043	\$427,709.00
4200052233	\$6,945.00
4200056269	\$1,533,131.00
TOTAL	\$2,032,371.00

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200055043	\$30,719.00	\$0.00	\$30,719.00
4200056269	\$260,481.00	\$12,388.00	\$272,869.00
	\$291,200.00	\$12,388.00	\$303,588.00

TOTAL	\$15,874,681.26
--------------	------------------------

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$20,444,240.90
This Action	\$2,032,371.00
	<u>-\$268,130.00</u> *Deobligation from PR#4200051746
New Obligation	\$22,208,481.90

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$2,125,412.29	\$71,192.00	\$2,196,604.29
This Action	\$291,200.00	\$12,388.00	\$303,588.00
	<u>-\$46,573.00</u>	<u>-\$2,603.00</u>	<u>-\$49,176.00</u> *Deobligation from PR#4200051746
New Obligation	\$2,370,039.29	\$80,977.00	\$2,451,016.29

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$57,475,263.48	\$1,771,282.73	\$59,246,546.21
This Action	\$11,598,746.26	\$0.00	\$11,598,746.26
	<u>-\$172,795.80</u>	<u>\$0.00</u>	<u>-\$172,795.80</u> *Deobligation from PR#4200051677
New Obligation	\$68,901,213.94	\$1,771,282.73	\$70,672,496.67

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$6,806,444.36
This Action	\$1,939,976.00
	<u>-\$100,000.00</u> *Deobligation from PR#4200051677
New Obligation	\$8,646,420.36

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$909,142.97
This Action	<u>\$0.00</u>
New Obligation	\$909,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$87,760,504.00	\$1,842,474.73	\$89,602,978.73
This Action	<u>\$15,274,794.46</u>	<u>\$9,785.00</u>	<u>\$15,284,579.46</u>
New Obligation	\$103,035,298.46	\$1,852,259.73	\$104,887,558.19

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 29	
2. AMENDMENT/MODIFICATION NO. 959		3. EFFECTIVE DATE Same as Block 16c BJ3/T57		4. REQUISITION/PURCHASE REQ. NO. N/A	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
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ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. (X)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to 1) replace in its entirety Section J-E-2 with the enclosed page; 2) incorporate the enclosed page changes for the Service Contract Act Wage Determination (1994-2516 Revision 21) and the Davis Bacon Wage Determination (General Decision Number TX20030010) into Section J-E for the period of April 1, 2004 – March 31, 2005.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Valerie A. Marburger</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>3/17/04</u>

January 1996

NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE

U.S. DEPARTMENT OF LABOR

EMPLOYMENT STANDARDS

ADMINISTRATION

(See Instructions on Reverse)

1. NOTICE NO.

A2241855

MAIL TO:

**Administrator
Wage and Hour Division
U.S. Department of Labor
Washington, DC 20210**

2. Estimated solicitation date *(use numerals)*

Month

Day

Year

3. Estimated date bids or proposals to be opened
or negotiations begun *(use numerals)*

Month

Day

Year

4. Date contract performance to begin *(use numerals)*
Extension

Month

Day

Year

04

01

04

5. PLACE(S) OF PERFORMANCE

Harris County, TX

6. SERVICES TO BE PERFORMED *(describe)*

IV: Center Operations Support Services
WD Period: 04/01/04 to 03/31/05
NAS 9-01056

7. INFORMATION ABOUT PERFORMANCE

A. ☒ Services now performed by a
contractorB. ☐ Services now performed by Federal
employeesC. ☐ Services not presently being
performed

8. IF BOX A IN ITEM 7 IS MARKED, COMPLETE ITEM 8 AS APPLICABLE

a. Name and address of incumbent contractor

DynCorp Technical Services
6500 W. Freeway, Suite 600
Fort Worth, TX 76116

b. Number(s) of any wage determination(s) in incumbent's contract

WD 94-2516, WD 73-0023, WD 91-0124,
WD 99-0135, WD 99-0136, WD 03-0052
WD 03-0053

c. Name(s) of union(s) if services are being performed under collective bargaining
agreement(s). **Important:** Attach copies of current applicable collective
bargaining agreements

List of Unions Attached (Attachment A)

RESPONSE TO NOTICE*(by Department of Labor)*A. ☒ The attached wage determination(s)
listed below apply to procurement.B. ☐ As of this date, no wage determination
applicable to the specified locality and
classes of employees is in effect.C. ☐ From information supplied, the Service
Contract Act does not apply *(see attached
explanation)*.D. ☐ Notice returned for additional information
*(see attached explanation)*Signed: _____
*(U.S. Department of Labor)*_____
(Date)

9. OFFICIAL SUBMITTING NOTICE

SIGNED:

DATE

TYPE OR PRINT NAME

Connie R. Pritchard
Contract Labor Relations Officer

TELEPHONE NO.

281-483-4121

10. TYPE OR PRINT NAME AND TITLE OF PERSON TO WHOM RESPONSE IS TO BE SENT
AND NAME AND ADDRESS OF DEPARTMENT OR AGENCY, BUREAU, DIVISION, ETC.

**NASA Johnson Space Center
Connie R. Pritchard, Mail Code BA2
2101 NASA Parkway
Houston, TX 77058**

List of Unions
Attachment A
(SF98 A2241855 - 8c)

1. CBA between prime contractor DynCorp and the International Association of Machinists and Aerospace Workers, Local 1786, District 37, dated April 1, 2002 through September 30, 2004. (WD1991-0124)*
2. CBA between subcontractor Call Henry and the International Union of Operating Engineers, Local 347, dated April 1, 2002 through August 31, 2004. (WD1999-0135)**
3. CBA between prime contractor DynCorp and the General Presidents' Project Maintenance Agreement, effective March 28, 2002 through March 28, 2007. (WD1973-0023) ***
4. CBA between prime contractor DynCorp and the Teamsters, Local 968 (Transportation & Logistics), dated December 15, 2003 through December 15, 2006. (WD2003-0052) ****
5. CBA between DynCorp and the International Association of Machinists and Aerospace Workers, Local 1786, District 37, dated April 1, 2002 through March 31, 2005. (WD2003-0053) *****

(Revised March 2004)

STANDARD FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)	11. Notice No. NASA A2241855
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Nonunion, WD 94-2516, Prime Contractor DynCorp	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
Drafter, III	5	GS-5 \$13.85
Secretary, III	2	GS-6 \$15.44
Secretary, IV	2	GS-7 \$17.16
Secretary, V	1	GS-8 \$19.00
Material Coordinator	2	WG-7 \$16.90
Electronic Technician, Maint., III	1	WG-10 \$20.21
Bus Driver	13	WG-7 \$16.90
Library Technician	1	GS-5 \$13.85
General Clerk, II	1	GS-2 \$10.11
General Clerk, III	0	GS-3 \$11.03
General Clerk, IV	10	GS-4 \$12.38
Accounting Clerk, III	2	GS-4 \$12.38
Accounting Clerk, IV	1	GS-5 \$13.85
Harris County, TX, Nonexempt/Union, CBA between IAM&AW, Local 1786, District 37 & DynCorp * WD 91-0124		
Electrician *	2	Per CBA \$23.55
Electrician, Lead *	1	Per CBA \$24.55
Cyo/Vac Mechanic, PTI Level 1 *	1	Per CBA \$24.55
Cryo/Vac Mechanic *	3	Per CBA \$23.55
Refrigeration Mechanic *	2	Per CBA \$23.55
Reproduction Equipment Mechanic *	0	Per CBA \$23.55
Welder/Systems Mechanic *	1	Per CBA \$23.55
Machine Tool Repairman/Hydraulics *	2	Per CBA \$23.55
Machine Tool Repairman/Hydraulics, Lead *	1	Per CBA \$24.55
Electronic Technician *	3	Per CBA \$23.55
Graphic Equipment Technician *	0	Per CBA \$23.55

FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)	11. Notice No. NASA A2241855
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Union, CBA between IAM&AW, Local 1786, District 37 & DynCorp * WD 91-0124	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
- continued -		
Heavy Equipment Mechanic *	0	Per CBA \$23.55
Cooling Tower/Systems Mechanic *	1	Per CBA \$23.55
Crane Maintenance/Systems Mechanic *	2	Per CBA \$23.55
Engine/Generator Mechanic *	1	Per CBA \$23.55
Mechanic/Technician *	1	Per CBA \$23.55
Toolroom Attendant, Lead *	1	Per CBA \$18.84
Harris County, TX, Nonexempt/Union, CBA between IUOE, Local 347 & Subcontractor Call Henry ** WD 99-0135		
Chief Operator, B-24 **	4	Per CBA \$24.18
Chief Operator, Field **	4	Per CBA \$24.18
EMCS Operator, B-24 **	5	Per CBA \$24.18
Environmental Operator **	1	Per CBA \$23.18
Lab Technician **	1	Per CBA \$23.58
Operator, B-24 **	4	Per CBA \$23.18
Relief Operator **	11	Per CBA \$23.18
Roving Operator **	4	Per CBA \$23.18
Training Chief Operator **	2	Per CBA \$25.03
Chief Operator, Environmental **	1	Per CBA \$24.18
Harris County, TX, Nonexempt/Union, CBA between AFL-CIO General Presidents Agreement – Bldg Trades & DynCorp ***		
WD 73-0023		
Iron Worker ***	1	Per CBA \$20.23
Iron Worker, Foreman ***	1	Per CBA \$22.48
Carpenter ***	3	Per CBA \$20.99
Carpenter, Foreman ***	2	Per CBA \$21.99
Laborer ***	10	Per CBA \$15.75
Laborer, Foreman ***	2	Per CBA \$16.80

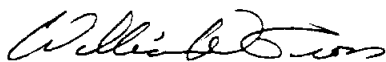
FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)	11. Notice No. NASA A2241855
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Union, CBA between AFL-CIO- GPPMA- Bldg. Trades & DynCorp *** WD 73-0023	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
Operating Engineer ***	1	Per CBA \$21.78
Sheetmetal Worker ***	3	Per CBA \$22.47
Electrical Lineman ***	1	Per CBA \$22.99
Electrical Lineman, Foreman ***	1	Per CBA \$25.35
Millwright ***	2	Per CBA \$23.57
Millwright, Foreman ***	1	Per CBA \$23.99
Millwright, Foreman PT&I ***	1	Per CBA \$24.99
Pipefitter ***	20	Per CBA \$21.71
Pipefitter, Foreman ***	4	Per CBA \$22.71-23.45
Pipefitter, PT&I***	2	Per CBA \$22.71
Plumber ***	7	Per CBA \$22.27
Plumber, Foreman ***	3	Per CBA \$23.52
Material Checker ***	3	Per CBA \$17.81
Electrician ***	22	Per CBA \$22.05
Electrician, Foreman ***	3	Per CBA \$23.15
Electrician PT&I***	1	Per CBA \$23.05
Insulator, Asbestos Abatement ***	2	Per CBA \$18.19
Insulator, Asbestos Abatement Foreman***	1	Per CBA \$19.19
Driver Truck (Heavy) ***	2	Per CBA \$16.94
Heavy Equipment Operator ***	11	Per CBA \$20.28
Heavy Equipment Operator Foreman***	1	Per CBA \$21.03
Heavy Equipment General Foreman ***	1	Per CBA \$23.28
Roofer ***	2	Per CBA \$15.88
Roofer Foreman ***	1	Per CBA \$17.01
Painter ***	1	Per CBA \$15.10
Painter Foreman ***	1	Per CBA \$15.35
Harris County, TX Nonexempt/Union, CBA between Teamsters, Local 968 (Logistics) and DynCorp **** WD 2003-0052		
Cataloger ****	1	Per CBA \$15.01
Clerk Typist ****	1	Per CBA \$12.47
Customer Service Clerk ****	3	Per CBA \$12.01-12.87
Furniture Move Assembler ****	1	Per CBA \$15.22

FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)		11. Notice No. NASA A2241855
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Union, CBA between Teamsters, Local 968 (Logistics) and DynCorp ***** WD 2003-0052	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED	
- continued -			
Inchecker/Warehouse Person *****	3	Per CBA \$13.12 – 13.35	
Inspector *****	1	Per CBA \$14.10	
Senior Inspector *****	1	Per CBA \$14.37	
Furniture Repair/Warehouse Person *****	4	Per CBA \$13.87	
Furniture Repair/Warehouse Person, Lead *****	1	Per CBA \$14.17	
Storekeeper *****	2	Per CBA \$14.10	
Bond Room Storekeeper *****	3	Per CBA \$14.47	
Bond Room Storekeeper, Lead *****	2	Per CBA \$15.20	
Warehouse Person	5	Per CBA \$13.35	
Warehouse Person, Lead (R&U Lead) *****	1	Per CBA \$13.65	
Warehouse Person, (B-338)*****	1	Per CBA \$13.45	
Supply Clerk *****	2	Per CBA \$12.18	
Clerk/Dispatcher *****	2	Per CBA \$11.71 – 11.91	
Senior Property Specialist *****	1	Per CBA \$14.90	
Property Technician *****	3	Per CBA \$12.52	
Property Clerk *****	1	Per CBA \$12.18	
Stock Control Clerk *****	2	Per CBA \$12.92	
Property Specialist *****	1	Per CBA \$15.15	
(Transportation) WD 2003-0052			
Tractor Trailer Driver *****	2	Per CBA \$12.95 – 13.95	
Bobtail Driver *****	5	Per CBA \$12.55	
Helper *****	5	Per CBA \$8.91 – 11.86	
Crater & Flight Packer *****	3	Per CBA \$12.55 – 12.65	
Cylinder Truck Driver*****	1	Per CBA \$12.80	
Flight Packing Specialist *****	1	Per CBA \$13.55	
Furniture Move Driver *****	1	Per CBA \$13.65	
Furniture Move Helper *****	1	Per CBA \$12.76	

[illegible]

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1973-0023

Revision No.: 26

Date of Last Revision: 03/19/2003

This wage determination applies at the address(es) below:

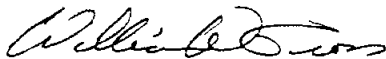
Johnson Space Center , Harris County, TX

Employed on NASA contract for maintenance support services.

Collective Bargaining Agreement between DynCorp Technical Services and General Presidents' Project Maintenance Agreement effective March 28, 2002 through March 28, 2007.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor



William W. Gross
Director

Division of
Wage Determinations

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

Wage Determination No.: 1991-0124
Revision No.: 9
Date of Last Revision: 03/19/2003

This wage determination applies at the address(es) below:

Johnson Space Center, Harris County, TX

Employed on NASA contract for plant maintenance and operations support services.

Collective Bargaining Agreement between Dyncorp Technical Services, LLC and International Association of Machinists, Aerospace Workers, District No. 37, AFL-CIO, Local Lodge No. 1786 effective April 1, 2002 through September 30, 2004.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1999-0135
Revision No.: 2
Date of Last Revision: 03/19/2003

State: Texas

Area: Texas County of Harris

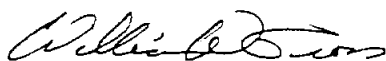
Employed on NASA contract (s) for base operations support services.

Collective Bargaining Agreement between Call Henry, Incorporated and International Union of Operating Engineers, Local No. 347, AFL-CIO effective April 1, 2002 through August 31, 2004.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1999-0136
Revision No.: 3
Date of Last Revision: 03/13/2003

State: Texas

Area: Texas County of Harris

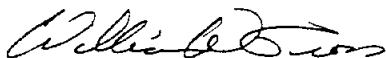
Employed on NASA contract (s) for base operations support services.

Collective Bargaining Agreement between Dyncorp Technical Services, LLC Logistics and Teamsters Local Union No. 968 effective April 1, 2002 through December 15, 2003.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 2003-0052

Revision No.: 1

Date of Last Revision: 03/13/2003

State: Texas

Area: Texas County of Harris

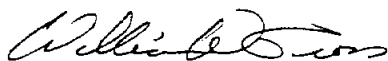
Employed on NASA contract for plant maintenance and center operations support services.

Collective Bargaining Agreement between Dyncorp Technical Services, LLC Transportation and Teamsters Local Union Number 968 effective April 1, 2002 through December 15, 2003.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 2003-0053
Revision No.: 1
Date of Last Revision: 03/13/2003

State: Texas

Area: Texas County of Harris

Employed on NASA contract for plant operations and center operations support services.

Collective Bargaining Agreement between Dyncorp Technical Services, LLC and The International Association of Machnists and Aerospace Workers District Lodge 37 Local Lodge 1786 effective April 1, 2002 through March 30, 2005.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

94-2516 TX,HOUSTON 06/10/03
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WITH DOL***
WASHINGTON D.C. 20210

William W. Gross	Division of	Wage Determination No.: 1994-2516
Director	Wage Determinations	Revision No.: 21
		Date Of Last Revision: 06/03/2003

State: Texas

Area: Texas Counties of Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Grimes, Harris, Houston, Jackson, Lavaca, Liberty, Madison, Matagorda, Montgomery, San Jacinto, Trinity, Walker, Waller, Washington, Wharton

Fringe Benefits Required Follow the Occupational Listing

OCCUPATION CODE - TITLE	MINIMUM WAGE RATE
01000 - Administrative Support and Clerical Occupations	
01011 - Accounting Clerk I	11.45
01012 - Accounting Clerk II	12.35
01013 - Accounting Clerk III	13.86
01014 - Accounting Clerk IV	15.29
01030 - Court Reporter	16.81
01050 - Dispatcher, Motor Vehicle	14.00
01060 - Document Preparation Clerk	11.66
01070 - Messenger (Courier)	9.87
01090 - Duplicating Machine Operator	10.72
01110 - Film/Tape Librarian	11.50
01115 - General Clerk I	9.09
01116 - General Clerk II	9.86
01117 - General Clerk III	12.77
01118 - General Clerk IV	14.65
01120 - Housing Referral Assistant	17.60
01131 - Key Entry Operator I	10.76
01132 - Key Entry Operator II	13.76
01191 - Order Clerk I	12.51
01192 - Order Clerk II	14.27
01261 - Personnel Assistant (Employment) I	12.28
01262 - Personnel Assistant (Employment) II	13.79
01263 - Personnel Assistant (Employment) III	16.50
01264 - Personnel Assistant (Employment) IV	17.63
01270 - Production Control Clerk	17.94
01290 - Rental Clerk	14.34
01300 - Scheduler, Maintenance	14.52
01311 - Secretary I	14.52
01312 - Secretary II	16.12
01313 - Secretary III	17.60
01314 - Secretary IV	20.69

01315 - Secretary V	25.57
01320 - Service Order Dispatcher	13.30
01341 - Stenographer I	12.06
01342 - Stenographer II	14.34
01400 - Supply Technician	20.69
01420 - Survey Worker (Interviewer)	14.26
01460 - Switchboard Operator-Receptionist	10.65
01510 - Test Examiner	16.12
01520 - Test Proctor	16.12
01531 - Travel Clerk I	11.09
01532 - Travel Clerk II	11.95
01533 - Travel Clerk III	12.79
01611 - Word Processor I	11.45
01612 - Word Processor II	13.79
01613 - Word Processor III	16.27

03000 - Automatic Data Processing Occupations

03010 - Computer Data Librarian	11.98
03041 - Computer Operator I	12.05
03042 - Computer Operator II	14.61
03043 - Computer Operator III	16.59
03044 - Computer Operator IV	22.60
03045 - Computer Operator V	23.59
03071 - Computer Programmer I (1)	19.99
03072 - Computer Programmer II (1)	24.38
03073 - Computer Programmer III (1)	27.62
03074 - Computer Programmer IV (1)	27.62
03101 - Computer Systems Analyst I (1)	25.70
03102 - Computer Systems Analyst II (1)	27.62
03103 - Computer Systems Analyst III (1)	27.62
03160 - Peripheral Equipment Operator	12.36

05000 - Automotive Service Occupations

05005 - Automotive Body Repairer, Fiberglass	21.26
05010 - Automotive Glass Installer	19.86
05040 - Automotive Worker	19.15
05070 - Electrician, Automotive	20.76
05100 - Mobile Equipment Servicer	17.65
05130 - Motor Equipment Metal Mechanic	22.47
05160 - Motor Equipment Metal Worker	19.15
05190 - Motor Vehicle Mechanic	22.47
05220 - Motor Vehicle Mechanic Helper	16.93
05250 - Motor Vehicle Upholstery Worker	18.17
05280 - Motor Vehicle Wrecker	19.15
05310 - Painter, Automotive	20.76
05340 - Radiator Repair Specialist	20.96
05370 - Tire Repairer	14.40
05400 - Transmission Repair Specialist	23.06

07000 - Food Preparation and Service Occupations

(not set) - Food Service Worker	7.39
07010 - Baker	8.93
07041 - Cook I	8.19
07042 - Cook II	8.83
07070 - Dishwasher	7.16
07130 - Meat Cutter	11.33
07250 - Waiter/Waitress	6.83

09000 - Furniture Maintenance and Repair Occupations

09010 - Electrostatic Spray Painter	16.65
09040 - Furniture Handler	11.74
09070 - Furniture Refinisher	12.78
09100 - Furniture Refinisher Helper	13.74
09110 - Furniture Repairer, Minor	15.29
09130 - Upholsterer	16.65

11030 - General Services and Support Occupations

11030 - Cleaner, Vehicles	7.54
11060 - Elevator Operator	6.90
11090 - Gardener	10.26
11121 - House Keeping Aid I	6.79
11122 - House Keeping Aid II	6.90
11150 - Janitor	7.54
11210 - Laborer, Grounds Maintenance	8.23
11240 - Maid or Houseman	6.79
11270 - Pest Controller	10.73
11300 - Refuse Collector	7.54
11330 - Tractor Operator	9.66
11360 - Window Cleaner	8.23

12000 - Health Occupations

12020 - Dental Assistant	12.93
12040 - Emergency Medical Technician (EMT) Paramedic/Ambulance Driver	11.75
12071 - Licensed Practical Nurse I	12.86
12072 - Licensed Practical Nurse II	14.63
12073 - Licensed Practical Nurse III	15.94
12100 - Medical Assistant	11.41
12130 - Medical Laboratory Technician	13.61
12160 - Medical Record Clerk	12.09
12190 - Medical Record Technician	14.56
12221 - Nursing Assistant I	7.08
12222 - Nursing Assistant II	9.82
12223 - Nursing Assistant III	10.62
12224 - Nursing Assistant IV	12.40
12250 - Pharmacy Technician	13.10
12280 - Phlebotomist	13.30
12311 - Registered Nurse I	20.25
12312 - Registered Nurse II	24.95
12313 - Registered Nurse II, Specialist	26.51

12314 - Registered Nurse III	31.37
12315 - Registered Nurse III, Anesthetist	31.37
12316 - Registered Nurse IV	35.94
13000 - Information and Arts Occupations	
13002 - Audiovisual Librarian	18.40
13011 - Exhibits Specialist I	19.15
13012 - Exhibits Specialist II	24.55
13013 - Exhibits Specialist III	28.72
13041 - Illustrator I	17.60
13042 - Illustrator II	22.56
13043 - Illustrator III	26.40
13047 - Librarian	21.17
13050 - Library Technician	12.96
13071 - Photographer I	13.93
13072 - Photographer II	17.60
13073 - Photographer III	22.56
13074 - Photographer IV	26.40
13075 - Photographer V	30.06
15000 - Laundry, Dry Cleaning, Pressing and Related Occupations	
15010 - Assembler	7.68
15030 - Counter Attendant	7.68
15040 - Dry Cleaner	9.65
15070 - Finisher, Flatwork, Machine	7.68
15090 - Presser, Hand	7.68
15100 - Presser, Machine, Drycleaning	7.68
15130 - Presser, Machine, Shirts	7.68
15160 - Presser, Machine, Wearing Apparel, Laundry	7.68
15190 - Sewing Machine Operator	10.22
15220 - Tailor	11.02
15250 - Washer, Machine	8.42
19000 - Machine Tool Operation and Repair Occupations	
19010 - Machine-Tool Operator (Toolroom)	16.65
19040 - Tool and Die Maker	19.20
21000 - Material Handling and Packing Occupations	
21010 - Fuel Distribution System Operator	16.33
21020 - Material Coordinator	17.64
21030 - Material Expediter	17.64
21040 - Material Handling Laborer	11.72
21050 - Order Filler	10.53
21071 - Forklift Operator	12.84
21080 - Production Line Worker (Food Processing)	12.84
21100 - Shipping/Receiving Clerk	11.79
21130 - Shipping Packer	12.22
21140 - Store Worker I	9.51
21150 - Stock Clerk (Shelf Stocker; Store Worker II)	12.79
21210 - Tools and Parts Attendant	13.58
21400 - Warehouse Specialist	12.84

23000 - Mechanics and Maintenance and Repair Occupations

23010 - Aircraft Mechanic	21.09
23040 - Aircraft Mechanic Helper	16.43
23050 - Aircraft Quality Control Inspector	22.02
23060 - Aircraft Servicer	18.28
23070 - Aircraft Worker	19.26
23100 - Appliance Mechanic	16.65
23120 - Bicycle Repairer	13.91
23125 - Cable Splicer	19.33
23130 - Carpenter, Maintenance	17.01
23140 - Carpet Layer	15.92
23160 - Electrician, Maintenance	21.45
23181 - Electronics Technician, Maintenance I	13.36
23182 - Electronics Technician, Maintenance II	19.02
23183 - Electronics Technician, Maintenance III	22.33
23260 - Fabric Worker	15.00
23290 - Fire Alarm System Mechanic	17.43
23310 - Fire Extinguisher Repairer	14.40
23340 - Fuel Distribution System Mechanic	19.17
23370 - General Maintenance Worker	15.46
23400 - Heating, Refrigeration and Air Conditioning Mechanic	17.43
23430 - Heavy Equipment Mechanic	17.43
23440 - Heavy Equipment Operator	17.43
23460 - Instrument Mechanic	17.43
23470 - Laborer	8.82
23500 - Locksmith	16.65
23530 - Machinery Maintenance Mechanic	19.81
23550 - Machinist, Maintenance	20.16
23580 - Maintenance Trades Helper	13.58
23640 - Millwright	19.02
23700 - Office Appliance Repairer	16.65
23740 - Painter, Aircraft	18.32
23760 - Painter, Maintenance	16.65
23790 - Pipefitter, Maintenance	19.33
23800 - Plumber, Maintenance	17.15
23820 - Pneudraulic Systems Mechanic	17.43
23850 - Rigger	17.43
23870 - Scale Mechanic	15.92
23890 - Sheet-Metal Worker, Maintenance	17.43
23910 - Small Engine Mechanic	15.92
23930 - Telecommunication Mechanic I	19.17
23931 - Telecommunication Mechanic II	20.02
23950 - Telephone Lineman	17.43
23960 - Welder, Combination, Maintenance	17.43
23965 - Well Driller	17.43
23970 - Woodcraft Worker	17.43
23980 - Woodworker	9.64

24000 - Personal Needs Occupations

24570 - Child Care Attendant	9.68
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24580 - Child Care Center Clerk	12.06
24600 - Chore Aid	6.15
24630 - Homemaker	15.41

25000 - Plant and System Operation Occupations

25010 - Boiler Tender	19.86
25040 - Sewage Plant Operator	17.00
25070 - Stationary Engineer	19.86
25190 - Ventilation Equipment Tender	14.33
25210 - Water Treatment Plant Operator	16.65

27000 - Protective Service Occupations

(not set) - Police Officer	19.63
27004 - Alarm Monitor	12.98
27006 - Corrections Officer	18.04
27010 - Court Security Officer	18.04
27040 - Detention Officer	18.04
27070 - Firefighter	17.70
27101 - Guard I	10.02
27102 - Guard II	17.90

28000 - Stevedoring/Longshoremen Occupations

28010 - Blocker and Bracer	15.18
28020 - Hatch Tender	15.18
28030 - Line Handler	15.18
28040 - Stevedore I	14.21
28050 - Stevedore II	16.17

29000 - Technical Occupations

21150 - Graphic Artist	23.11
29010 - Air Traffic Control Specialist, Center (2)	31.76
29011 - Air Traffic Control Specialist, Station (2)	21.90
29012 - Air Traffic Control Specialist, Terminal (2)	24.12
29023 - Archeological Technician I	19.34
29024 - Archeological Technician II	21.66
29025 - Archeological Technician III	26.79
29030 - Cartographic Technician	26.79
29035 - Computer Based Training (CBT) Specialist/ Instructor	25.70
29040 - Civil Engineering Technician	24.82
29061 - Drafter I	15.37
29062 - Drafter II	15.85
29063 - Drafter III	20.90
29064 - Drafter IV	26.79
29081 - Engineering Technician I	14.00
29082 - Engineering Technician II	17.40
29083 - Engineering Technician III	20.25
29084 - Engineering Technician IV	25.71
29085 - Engineering Technician V	33.57
29086 - Engineering Technician VI	38.16
29090 - Environmental Technician	24.76
29100 - Flight Simulator/Instructor (Pilot)	32.45

29160 - Instructor	21.34
29210 - Laboratory Technician	16.34
29240 - Mathematical Technician	28.04
29361 - Paralegal/Legal Assistant I	17.19
29362 - Paralegal/Legal Assistant II	20.65
29363 - Paralegal/Legal Assistant III	25.71
29364 - Paralegal/Legal Assistant IV	28.58
29390 - Photooptics Technician	24.76
29480 - Technical Writer	21.85
29491 - Unexploded Ordnance (UXO) Technician I	20.19
29492 - Unexploded Ordnance (UXO) Technician II	24.42
29493 - Unexploded Ordnance (UXO) Technician III	30.65
29494 - Unexploded (UXO) Safety Escort	20.19
29495 - Unexploded (UXO) Sweep Personnel	20.19
29620 - Weather Observer, Senior (3)	21.81
29621 - Weather Observer, Combined Upper Air and Surface Programs (3)	17.99
29622 - Weather Observer, Upper Air	17.99

31000 - Transportation/ Mobile Equipment Operation Occupations

31030 - Bus Driver	14.24
31260 - Parking and Lot Attendant	7.38
31290 - Shuttle Bus Driver	10.80
31300 - Taxi Driver	8.01
31361 - Truckdriver, Light Truck	10.96
31362 - Truckdriver, Medium Truck	14.24
31363 - Truckdriver, Heavy Truck	15.22
31364 - Truckdriver, Tractor-Trailer	15.22

99000 - Miscellaneous Occupations

99020 - Animal Caretaker	8.13
99030 - Cashier	7.90
99041 - Carnival Equipment Operator	9.36
99042 - Carnival Equipment Repairer	9.84
99043 - Carnival Worker	7.22
99050 - Desk Clerk	9.68
99095 - Embalmer	19.59
99300 - Lifeguard	10.61
99310 - Mortician	21.55
99350 - Park Attendant (Aide)	13.32
99400 - Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	8.62
99500 - Recreation Specialist	14.74
99510 - Recycling Worker	11.12
99610 - Sales Clerk	10.30
99620 - School Crossing Guard (Crosswalk Attendant)	7.54
99630 - Sport Official	9.48
99658 - Survey Party Chief (Chief of Party)	16.58
99659 - Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	14.34
99660 - Surveying Aide	11.35
99690 - Swimming Pool Operator	12.60
99720 - Vending Machine Attendant	10.49

99730 - Vending Machine Repairer
99740 - Vending Machine Repairer Helper

12.60
10.76

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$2.56 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as numbered):

1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4.156)

2) APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

3) WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordinance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** NOTES APPLYING TO THIS WAGE DETERMINATION ****

Source of Occupational Title and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by the Third Supplement, dated March 1997, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to

provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation) and computes a proposed rate).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title), a Federal grade equivalency (FGE) for each proposed classification), job description), and rationale for proposed wage rate), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

GENERAL DECISION: TX20030010 02/13/2004 TX10

Date: February 13, 2004

General Decision Number: TX20030010 02/13/2004

Superseded General Decision Number: TX020010

State: **Texas**

Construction Types: Building

Counties: Galveston and **Harris** Counties in **Texas**.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes & apartments up to & including 4 stories). (Use current highway general wage determination for Paving & Utilities incidental to Building Construction for Galveston (excluding Galveston Island) & **Harris** Cos.) (DOES NOT APPLY TO ANY WORK ON TREATMENT PLANT SITES IN **HARRIS** CO.)

Modification Number	Publication Date
0	06/13/2003
1	02/13/2004

* ASBE0022-001 06/01/2002

	Rates	Fringes
Insulator/asbestos worker (includes application of all insulating materials, protective coverings, coatings and finishing to all types of mechanical systems).....	\$ 18.29	6.35

* BRTX0001-001 05/01/2002

GALVESTON COUNTY

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 18.60	5.68

BRTX0007-001 01/01/1999

HARRIS COUNTY

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 15.55	4.65

ELEV0031-001 06/29/2002

	Rates	Fringes
Elevator Mechanic.....	\$ 23.88	7.455+a

FOOTNOTES: a.- Employer contributes 8% of basic hourly rate for over 5 years' service and 6% of basic hourly rate for 6 months to 5 years' service as Vacation Pay Credit. Paid Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Friday after Thanksgiving Day; Christmas Day

ENGI0450-002 04/01/2001

	Rates	Fringes
Power equipment operators:		
GALVESTON COUNTY		
Cranes.....	\$ 19.81	3.89
Forklifts.....	\$ 19.81	3.89
HARRIS COUNTY		
Crane.....	\$ 18.34	4.65
Forklifts.....	\$ 18.34	4.65

FOOTNOTE: +1.00 per hour differential paid to all certified tower crane operators and all certified crane operators of 100 tons capacity and over

IRON0084-001 06/01/2002

	Rates	Fringes
Ironworker.....	\$ 18.12	4.50

PAIN1008-001 07/01/2001

	Rates	Fringes
Glazier.....	\$ 17.60	4.59

* PAIN1008-003 06/01/2003

	Rates	Fringes
Soft Floor Layer.....	\$ 16.05	5.11

PLAS0079-001 07/01/2000

	Rates	Fringes
Plasterer.....	\$ 15.79	4.275

* PLUM0068-001 10/01/2003

	Rates	Fringes
Plumber.....	\$ 24.23	6.75

* PLUM0211-001 04/01/2003

	Rates	Fringes
Pipefitter (including HVAC WORK).....	\$ 22.21	8.81

* SFTX0669-001 01/01/2004

	Rates	Fringes
Sprinkler Fitter.....	\$ 25.17	6.65

* SHEE0054-001 04/01/2003

	Rates	Fringes
Sheet metal worker (Including HVAC Duct Work).....	\$ 22.47	6.72

SUTX1989-003 04/01/1989

	Rates	Fringes
Carpenters:		
Acoustical Ceiling Installation Only.....	\$ 12.65	
Drywall Hanging Only.....	\$ 10.99	
Excluding Drywall Hangers and Acoustical Ceiling.....	\$ 13.45	2.42
Cement Mason.....	\$ 13.43	2.18

Electrician (Including Low Voltage Work).....	\$ 14.68	3.83
Laborer, Unskilled.....	\$ 7.20	
Painter (Including Drywall Finishers).....	\$ 12.02	3.30
Power equipment operators:		
Backhoes.....	\$ 11.79	
Front End Loaders.....	\$ 12.17	
Roofer.....	\$ 10.94	
Tile Setter.....	\$ 14.41	
Truck Driver.....	\$ 10.63	

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 958		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
CODE		BJ3/JJH		CODE	
281-244-2492/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

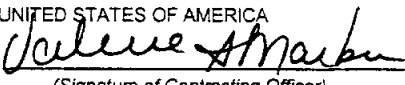
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.	
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).	
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	
d. OTHER (Specify type of modification and authority) X Mutual Agreement of the Parties	

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to decrease the provisional increase from Modification Number 949 as shown on page 2. The conformed contract in SPICE contains full text changes

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 3/15/04

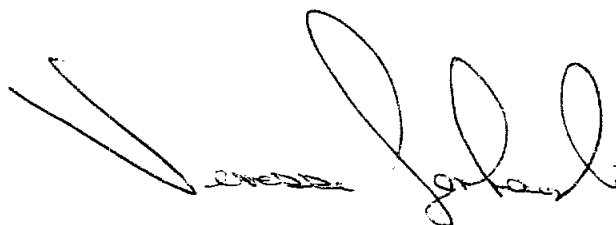
14. Continued

A. From To Remarks

\$85,972,680/\$88,266,979	\$74,694,966/\$76,989,266	Modify Section B.5 to decrease the provisional increase in the estimated cost of Annexes 1-5 and 8-12 by \$11,277,714 (No change in fee). The total estimated cost and award fee is \$76,989,266.
\$25,830,840/\$111,803,520	\$25,830,840/\$100,525,806	Modify Section F.5 Option 2, Paragraph 2, to decrease the cumulative option period estimated cost (No change in fee).
\$26,840,337/\$138,643,857	\$26,840,337/\$127,366,143	Modify Section F.5 Option 3, Paragraph 2, to decrease the cumulative option period estimated cost. (No increase in fee).

B. This modification requires DynCorp to provide the Government with a revised baseline within 30 days from the date of this modification.

MOD 957 – Exempt Wages Equitable Adjustment - In Work

A handwritten signature in black ink, consisting of a large, stylized 'V' followed by a series of loops and a final flourish.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 956		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

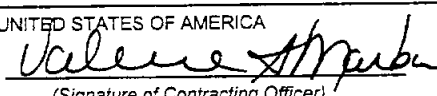
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.	
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).	
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	
d. OTHER (Specify type of modification and authority) X Clause F.5 OPTION TO EXTEND COMPLETION DATE	

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to exercise Option 1 for the third contract year. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 2/23/04

14. Continued

From:	To:	Remarks:
\$5,920,944	\$8,963,011	Modify Section B.4 to increase the FFP contract value for work contained in Annexes 7 and 14 by \$3,042,067
\$60,185,353	\$84,983,245	Modify Section B.5 to increase the estimated cost by \$24,797,892
\$1,523,377	\$2,294,300	Modify Section B.5 to increase the maximum available award fee by \$770,923
\$61,708,730	\$87,277,545	Modify Section B.5 to increase the total estimated cost and maximum award fee by \$25,568,815
April 1, 2003	April 1, 2004	Modify Section B.7 to reflect the price schedule effective date for year 3
April 1, 2003	April 1, 2004	Modify Section B.8 to reflect the pre-established Annex 6 IDIQ price effective date for year 3
April 1, 2003	April 1, 2004	Modify Section B.9 to reflect the pre-established Annex 13 cost value effective date for year 3
April 1, 2003	April 1, 2004	Modify Section B.10 to reflect the pre-established Annex 6 fixed labor rate effective date for year 3
April 1, 2003	April 1, 2004	Modify Section B.11 to reflect the pre-established Annex 13 loaded labor rate effective date for year 3
April 1, 2004	April 1, 2005	Modify Section F.2 to reflect the new completion date for year 3
April 1, 2003	April 1, 2004	Modify Section I.3 to reflect the new date for year 3
\$469,926	\$717,020	Modify Section I.14 to increase the overtime premium by \$247,094

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 955		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Parkway Houston, TX 77058		CODE BJ3/T40		5. PROJECT NO. (If applicable) Same as Block 6	
				7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
				CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE (x)		FACILITY CODE	
9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056		10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$3,099,402.68

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

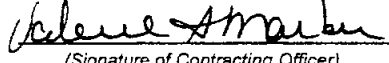
14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$3,099,402.68 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Valerie A. Marburger		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 2/23/04

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2205 is \$18,660,421.69 as of February 09, 2004.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$20,444,240.90."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$1,673,811.00. The maximum available award fee, excluding base fee, if any, is \$66,879.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$1,880,397.00. This allotment covers Task Orders 800 through 1435 as of February 10, 2004.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$2,125,412.29. An additional amount of \$71,192.00 is obligated under this contract for payment of fee, for a total of \$2,196,604.29."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$57,475,263.48. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through April 15, 2004.

(b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee.
(End of clause)"

D. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$6,806,444.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

COST REIMBURSABLE				
PR#	\$ AMOUNT			
✓ 4200049626 ✓	\$481,453.00 ✓			
✓ 4200051677 ✓	\$1,345,619.68 ✓			
		Estimated Costs	Award Fee	Total
TOTAL	\$1,827,072.68	\$1,827,072.68	\$0.00	\$1,827,072.68

B.6

FIXED PRICE	
PR#	\$ AMOUNT
4200051677 ✓	\$200,000.00 ✓
TOTAL	\$200,000.00

H.3

ANNEX 6	
PR#	\$ AMOUNT
✓ 4200050520 ✓	\$388,549.00 ✓
✓ 4200050037 ✓	\$6,135.00 ✓
✓ 4200050373 ✓	\$170,000.00 ✓
✓ 4200051746 ✓	\$268,130.00 ✓
TOTAL	\$832,814.00

B.4.1

ANNEX 13			
PR#	EST COST	AWD FEE	TOTAL
✓ 4200050520 ✓	\$18,501.00	\$0.00	\$18,501.00 ✓
✓ 4200050373 ✓	\$28,846.00	\$1,154.00	\$30,000.00 ✓
✓ 4200051746 ✓	\$186,573.00	\$8,203.00	\$194,776.00 ✓
	\$233,920.00	\$9,357.00	\$243,277.00

B.5.1

TOTAL	\$3,103,163.68
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B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$19,281,485.10
This Action	\$832,814.00
	\$75,000.00*Transfer from Annex 13
	\$11,715.80*Transfer from Annex 13
	\$242,852.00*Transfer from Annex 13
	<u>\$374.00</u> *Transfer from Annex 13
New Obligation	\$20,444,240.90

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$2,225,195.09	\$71,549.00	\$2,296,744.09
This Action	\$233,920.00	\$9,357.00	\$243,277.00
	-\$75,000.00	\$0.00	-\$75,000.00*Transfer to Annex 6 from PR# 4200044090
	-\$11,715.80	\$0.00	-\$11,715.80*Transfer to Annex 6 from PR# 4200047395
	-\$242,852.00	\$0.00	-\$242,852.00*Transfer to Annex 6 from PR# 4200043017
	-\$374.00	\$0.00	-\$374.00*Transfer to Annex 6 from PR# 4200031139
	\$0.00	-\$9,714.00	-\$9,714.00*Transfer to Annex 1-5 & 8-12 from PR#4200043707
	<u>-\$3,761.00</u>	<u>\$0.00</u>	<u>-\$3,761.00</u> *Deobligation from PR# 4200031139
New Obligation	\$2,125,412.29	\$71,192.00	\$2,196,604.29

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$55,638,476.80	\$1,771,282.73	\$57,409,759.53
This Action	\$1,827,072.68	\$0.00	\$1,827,072.68
	<u>\$9,714.00</u>	<u>\$0.00</u>	<u>\$9,714.00</u> *Transfer from Annex 13 AF Costs
New Obligation	\$57,475,263.48	\$1,771,282.73	\$59,246,546.21

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$6,606,444.36
This Action	<u>\$200,000.00</u>
New Obligation	\$6,806,444.36

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$909,142.97
This Action	<u>\$0.00</u>
New Obligation	\$909,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$84,660,744.32	\$1,842,831.73	\$86,503,576.05
This Action	<u>\$3,099,759.68</u>	<u>-\$357.00</u>	<u>\$3,099,402.68</u>
New Obligation	\$87,760,504.00	\$1,842,474.73	\$89,602,978.73

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. 954		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	
CODE		BJ3/T40		CODE	
281-483-4214/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$5,780,153.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paving office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$5,780,153.00 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Valerie A. Marburger		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Valerie A. Marburger</u> (Signature of Contracting Officer)	16C. DATE SIGNED 1/23/04

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2173 is \$17,747,151.89 as of January 16, 2004.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$19,281,485.10."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$1,523,419.00. The maximum available award fee, excluding base fee, if any, is \$60,933.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$1,724,752.00. This allotment covers Task Orders 800 through 1427 as of January 09, 2004.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$2,225,195.09. An additional amount of \$71,549.00 is obligated under this contract for payment of fee, for a total of \$2,296,744.09."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$55,638,476.80. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through March 31, 2004.

(b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee.
(End of clause)"

D. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

(a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$909,142.97. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through March 31, 2004."

E. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$6,606,444.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

COST REIMBURSABLE

<u>PR#</u>	<u>\$ AMOUNT</u>			
4200045746	\$4,760,930.00			
		Estimated Costs	Award Fee	Total
TOTAL	\$4,760,930.00	\$4,760,930.00	\$0.00	\$4,760,930.00

FIXED PRICE

<u>PR#</u>	<u>\$ AMOUNT</u>
4200043707	\$167,916.00
TOTAL	\$167,916.00

ANNEX 6

<u>PR#</u>	<u>\$ AMOUNT</u>
4200046341	\$389,376.00
4200046625	\$9,761.00
4200029355	\$10,396.00
4200046627	\$5,948.00
4200047395	\$127,500.00
TOTAL	\$542,981.00

ANNEX 13

<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200046341	\$75,020.00	\$0.00	\$75,020.00
4200046607	\$45,806.00	\$0.00	\$45,806.00
4200047395	\$21,635.00	\$865.00	\$22,500.00
	\$142,461.00	\$865.00	\$143,326.00

Supply

<u>PR#</u>	<u>EST COST</u>
4200047036	\$165,000.00
	\$165,000.00

TOTAL	\$5,780,153.00
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B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$18,229,585.10
This Action	\$542,981.00
	-\$1,081.00*Transfer to Annex 13 from PR#4200043017
	<u>\$510,000.00</u> *Transfer from Cost-Reimbursable
New Obligation	\$19,281,485.10

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$1,995,115.09	\$67,222.00	\$2,062,337.09
This Action	\$142,461.00	\$865.00	\$143,326.00
	\$1,081.00	\$0.00	\$1,081.00*Transfer from Annex 6
	<u>\$86,538.00</u>	<u>\$3,462.00</u>	<u>\$90,000.00</u> *Transfer from Cost-Reimbursable
New Obligation	\$2,225,195.09	\$71,549.00	\$2,296,744.09

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$51,477,546.80	\$1,771,282.73	\$53,248,829.53
This Action	\$4,760,930.00	\$0.00	\$4,760,930.00
	<u>-\$600,000.00</u>	<u>\$0.00</u>	<u>-\$600,000.00</u> *Transfer to Annex 6 and Annex 13 from
New Obligation	\$55,638,476.80	\$1,771,282.73	\$57,409,759.53 PR#4200044090 due to correction

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$6,438,528.36
This Action	<u>\$167,916.00</u>
New Obligation	\$6,606,444.36

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$744,142.97
This Action	<u>\$165,000.00</u>
New Obligation	\$909,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$78,884,918.32	\$1,838,504.73	\$80,723,423.05
This Action	<u>\$5,775,826.00</u>	<u>\$4,327.00</u>	<u>\$5,780,153.00</u>
New Obligation	\$84,660,744.32	\$1,842,831.73	\$86,503,576.05

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 32	
2. AMENDMENT/MODIFICATION NO. 953		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	
CODE 281-244-2492/34173 (fax)		CODE			

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

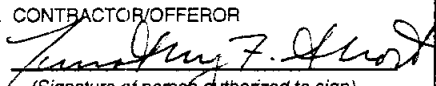
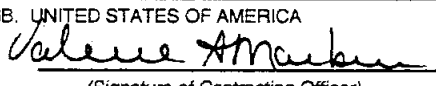
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.	
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).	
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	
X	d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This purpose of this Modification is to increase the fixed price value by \$894,036 for the addition of the enhanced grounds services in Annex 7 based on the Contractor's Request for Equitable Adjustment. This modification represents a fair and equitable adjustment for the work contained herein. The conformed contract in SPICE contains full text changes

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Timothy F. Short, Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 2/04/04	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 2/4/04

14. Continued

A. From To Remarks

\$5,701,704	\$5,920,944	Modify Section B.4 to increase the FFP contract value for work contained in Annexes 7 and 14 by \$219,240
\$2,815,745/\$8,517,449	\$3,042,067/\$8,963,011	Modify Section F.5 Option 1, Paragraph 1, to increase the option period by \$226,322 and the cumulative total of the FFP contract value for work contained in Annexes 7 and 14 by \$445,562
\$2,814,780/\$11,332,229	\$3,043,445/\$12,006,456	Modify Section F.5 Option 2, Paragraph 1, to increase the option period by \$228,665 and the cumulative total of the FFP contract value for work contained in Annexes 7 and 14 by \$674,227
\$2,816,777/\$14,149,006	\$3,036,586/\$15,043,042	Modify Section F.5 Option 3, Paragraph 1, to increase the option period by \$219,809 and the cumulative total of the FFP contract value for Annexes 7 and 14 by \$894,036

B. Section B.7 is replaced in its entirety with the enclosed to reflect the changes in the schedule of prices for Annex 7.

C. Section C, Annex 7 is replaced in its entirety with the enclosed to reflect the changes in the performance requirements and workload data.

D. This modification requires DynCorp to provide the Government with a revised baseline within 30 days from the date of this modification.

Schedule of Prices
Fixed Price Work - First Year of Basic Contract (April 1, 2002 through March 31, 2003)

B.7 Schedule of Prices			
Item No.	Description of Services	Unit	Total Price
Section L			
PHASE-IN			
PIMS01	Phase-in Milestone Group No.1 (1/31/02 to 2/14/02)	Milestone Group	\$134,865.20
PIMS02	Phase-in Milestone Group No.2 (2/15/02 to 2/28/02)	Milestone Group	\$0.00
PIMS03	Phase-in Milestone Group No.3 (3/1/02 to 3/14/02)	Milestone Group	\$108,248.36
PIMS04	Phase-in Milestone Group No.4 (3/15/02 to 3/31/02)	Milestone Group	\$493,710.44
			\$736,824.00
ANNEX 7			
GROUNDS MAINTENANCE			
7.2	Grounds Annual Work Plan	Plan	\$132,050.00
7.3	Miscellaneous Unscheduled Support Tasks	Request	\$7,387.00
7.4	Remove Surface Debris	Week	\$7,415.00
7.5	Recycle Landscape Trimmings	Week	\$6,013.00
7.6	Landscape Timbers and Edging	Linear Feet	\$5,692.00
7.7.1 a	Mow and Trim Area A "Improved Grounds"	Occurrence	\$104,549.00
7.7.1 b	Mow and Trim Area B "Semi-Improved Grounds"	Occurrence	\$6,032.00
7.7.2 a	Edge Area A "Improved Grounds"	Occurrence	\$17,520.00
7.7.2 b	Edge Area B "Semi-Improved Grounds"	Occurrence	\$1,501.00
7.7.4	Fertilize Lawns	Occurrence	\$2,091.00
7.7.5	Dehlatch Lawns	Acres	\$4,708.00
7.7.6	Aerate Lawns	Acres	\$3,047.00
7.7.7	Control Pests on Lawns	Acres	\$1,239.00
7.8.1	Maintain Mulch Around Trees	Semi-annual	\$29,820.00
7.8.2	Water Trees	Tree	\$5,250.00
7.8.3	Control Pests on Trees	Tree	\$27,580.00
7.8.4 a	Prune and Shape (Area A, B, Pecan Grove)	Tree	\$29,520.00
7.8.4 b	Prune and Shape (Walkways & Jogging Trails)	Occurrence	\$10,853.00
7.8.5	Remove Dead Trees	Tree	\$3,580.00
7.8.6	Plant New Trees	Tree	\$3,728.00
7.9.1	Maintain Mulch in "Landscaped Areas"	Occurrence	\$23,656.00
7.9.2	Control and Remove Weeds	Occurrence	\$2,521.00
7.9.3	Water	Occurrence	\$441.00
7.9.4	Fertilize	Bi-annual	\$3,160.00
7.9.5	Provide Pest Control	Occurrence	\$211.00
7.9.6	Trim Hedges	Occurrence	\$14,545.00
7.9.7	Prune Shrubs	Occurrence	\$58,475.00
7.9.8	Replace Plants and Shrubs	Plants/Shrubs	\$597.00
7.9.9	Maintain Building 30 Demonstration Landscape	Occurrence	\$6,431.00
7.9.10	Maintain Flower Beds	Occurrence	\$116,165.00
7.10 a	Maintain Ponds and Connecting Canals	Occurrence	\$7,676.00
7.10 b	Clean Ponds	Occurrence	\$3,991.00
7.11	Mow and Trim Unimproved Grounds	Occurrence	\$5,764.00

Schedule of Prices
Fixed Price Work - First Year of Basic Contract (April 1, 2002 through March 31, 2003)

B.7 Schedule of Prices				
<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>Total Price</u>
7.12.1		Maintain Fence Line	Occurrence	\$2,487.00
7.12.2		Mow and Remove Ditch Vegetation	Occurrence	\$19,006.00
7.12.3		Maintain "Rights of Ways"	Occurrence	\$7,663.00
7.12.4		Maintain Fire Lanes	Occurrence	\$18,147.00
7.12.5 a		Maintain Gravel Areas - Remove Weeds	Occurrence	\$3,100.00
7.12.5 b		Maintain Gravel Areas - Apply Herbicide	Occurrence	\$201.00
7.13.1 a		Apply Broadcast Baits	Occurrence	\$426.00
7.13.1 b		Treat Individual Mounds	Occurrence	\$4,653.00
7.13.2		Mosquito Control	Fogging	\$3,199.00
7.1.4		Equitable Adjustment - Long Term Lease	Adjustment	\$ 4,468.00
		Total Annex 7		\$716,558.00
ANNEX 14		CUSTODIAL SUPPORT SERVICES		
14.2.1		Drinking Fountains and Wash Stations	Cleaning	\$58,313.00
14.2.2		Mirror/Glass Cleaning	Cleaning	\$49,434.00
14.2.3		Elevator Cleaning	Cleaning	\$26,060.00
14.2.4		Dusting/Cleaning Entrances, Hallways, Carpeted Areas Clean and Service Restrooms, Medical Offices, and	Cleaning	\$50,195.00
14.2.5		Laboratories	Day	\$8,184.00
14.2.6		Inside Stairs, Stairwells, Ramps, and Landings	Day	\$20,673.00
14.2.7		Light/Lamp Replacement	Fixtures	\$40,435.00
14.2.8		Inside/Outside Entrance Area Floors	Day	\$42,540.00
14.2.9		Hard Floor Cleaning	Day	\$672,034.00
14.2.10		Vacuum Carpets and Rugs	Day	\$325,487.00
14.2.11		Machine Scrub Restroom Floors	Month	\$31,027.00
14.2.12		Spray Buffing in Hallways	Month	\$6,860.00
14.2.13		Recycling Program		
14.2.13 a		White paper	Pound	\$9,943.00
14.2.13 b		Cardboard	Pound	\$994.00
14.2.13 c		Aluminum Cans	Pound	\$24.00
14.2.13 d		Study Solid Waste Generation and Accumulation	Study	\$4,143.00
14.2.13 e		Mixed Paper Recycling	Pound	\$0.00
14.2.13 f		Return Revenues	Transaction	\$496.00
14.2.13 g		Track and Report Recycling	Month	\$894.00
14.2.14		Solid Waste Removal	Pound	\$298,288.00
14.3.1		Dusting/Cleaning	Day	\$5,387.00
14.3.2 a		Unscheduled Cleaning - Normal Services	Request	\$7,574.00
14.3.2 b		Unscheduled Cleaning - Blood Infectious Material	Request	\$1,213.00
14.3.3		Interior Windows	Day	\$7,257.00
14.3.4		Exterior Glass Surfaces	Day	\$7,257.00
14.3.5		Strip, Seal, and Wax Floors	Day	\$154,632.00

Schedule of Prices
Fixed Price Work - First Year of Basic Contract (April 1, 2002 through March 31, 2003)

B.7 Schedule of Prices				
<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>Total Price</u>
14.3.6		Shampoo Carpets	Day	\$33,042.00
14.3.7		Emergencies/ Special Events/ Visitor Custodial Services	Manhour	\$236,245.00
14.3.8		Interior Extermination	Request	\$40,016.00
14.3.9	a	Supplemental Dumpsters	Cubic Yard	\$28,999.00
14.3.9	b	Portable Restroom	Unit	\$1,656.00
14.3.11		Training	Day	\$7,736.00
14.4.1		Custodial Cleaning Schedules	Report	\$4,143.00
14.4.2		Comprehensive Recycling Study Report	Study	\$4,143.00
		Total Annex 14		\$2,185,324.00
		Total Annexes 7 and 14		\$2,901,882.00

Schedule of Prices
Fixed Price Work - Second Year of Basic Contract (April 1, 2003 through March 31, 2004)

B.7 Schedule of Prices				
<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>Total Price</u>
ANNEX 7		GROUND MAINTENANCE		
7.2		Grounds Annual Work Plan	Plan	\$ 115,503.00
7.3		Miscellaneous Unscheduled Support Tasks	Request	\$ 6,272.00
7.4		Remove Surface Debris	Week	\$ 11,139.00
7.4a	a	Remove Surface Debris B1	Occurrence	\$ 15,813.00
7.5		Recycle Landscape Trimmings	Week	\$ 5,105.00
7.6		Landscape Timbers and Edging	Linear Feet	\$ 4,833.00
7.7.1	a	Mow and Trim Area A "Improved Grounds"	Occurrence	\$ 175,369.00
7.7.1	b	Mow and Trim Area B "Semi-Improved Grounds"	Occurrence	\$ 9,903.00
7.7.2	a	Edge Area A "Improved Grounds"	Occurrence	\$ 29,387.00
7.7.2	b	Edge Area B "Semi-Improved Grounds"	Occurrence	\$ 2,463.00
7.7.4		Fertilize Lawns	Occurrence	\$ 1,776.00
7.7.5		Dethatch Lawns	Occurrence	\$ 3,997.00
7.7.6		Aerate Lawns	Occurrence	\$ 2,587.00
7.7.7		Control Pests on Lawns	Occurrence	\$ 1,052.00
7.8.1		Maintain Mulch Around Trees	Semi-annual	\$ 37,363.00
7.8.1a	a	Maintain Mulch Around Trees B1	Occurrence	\$ 6,394.00
7.8.2		Water Trees	Occurrence	\$ 4,458.00
7.8.3		Control Pests on Trees	Occurrence	\$ 23,417.00
7.8.4	a	Prune and Shape (Area A, B, Pecan Grove)	Occurrence	\$ 48,248.00
7.8.4a1	a1	Prune and Shape B1	Occurrence	\$ 11,279.00
7.8.4	b	Prune and Shape (Walkways & Jogging Trails)	Occurrence	\$ 12,287.00
7.8.5		Remove Dead Trees	Tree	\$ 3,040.00
7.8.6		Plant New Trees	Tree	\$ 3,166.00
7.9.1		Maintain Mulch in "Landscaped Areas"	Occurrence	\$ 25,608.00
7.9.1	a	Maintain Mulch in "Landscaped Areas" B1	Occurrence	\$ 6,026.00
7.9.2		Control and Remove Weeds	Occurrence	\$ 3,335.00
7.9.2a	a	Control and Remove Weeds B1	Occurrence	\$ 1,070.00
7.9.3		Water	Occurrence	\$ 375.00
7.9.4		Fertilize	Bi-annual	\$ 2,683.00
7.9.5		Provide Pest Control	Occurrence	\$ 180.00
7.9.6		Trim Hedges	Occurrence	\$ 24,700.00
7.9.7		Prune Shrubs	Occurrence	\$ 49,333.00
7.9.7a	a	Prune Shrubs B1	Occurrence	\$ 3,783.00
7.9.8		Replace Plants and Shrubs	Plants/Shrubs	\$ 507.00
7.9.9		Maintain Building 30 Demonstration Landscape	Occurrence	\$ 5,460.00
7.9.10		Maintain Flower Beds	Occurrence	\$ 98,630.00
7.10	a	Maintain Ponds and Connecting Canals	Occurrence	\$ 6,517.00
7.10	b	Clean Ponds	Occurrence	\$

Schedule of Prices
Fixed Price Work - Second Year of Basic Contract (April 1, 2003 through March 31, 2004)

3.7 Schedule of Prices			
Item No.	Description of Services	Unit	Total Price
7.11	Mow and Trim Unimproved Grounds	Occurrence	\$ 9,788.00
7.12.1	Maintain Fence Line	Occurrence	\$ 2,111.00
7.12.2	Mow and Remove Ditch Vegetation	Occurrence	\$ 16,137.00
7.12.3	Maintain "Rights of Ways"	Occurrence	\$ 6,506.00
7.12.4	Maintain Fire Lanes	Occurrence	\$ 15,408.00
7.12.5 a	Maintain Gravel Areas - Remove Weeds	Occurrence	\$ 3,509.00
7.12.5 b	Maintain Gravel Areas - Apply Herbicide	Occurrence	\$ 170.00
7.13.1 a	Apply Broadcast Baits	Occurrence	\$ 362.00
7.13.1 b	Treat Individual Mounds	Occurrence	\$ 3,913.00
7.13.1b1	Treat Individual Mounds B1	Occurrence	\$ 161.00
7.13.2	Mosquito Control	Fogging	\$ 2,716.00
Total Annex 7			\$ 823,839.00
ANNEX 14	<u>CUSTODIAL SUPPORT SERVICES</u>		\$ -
14.2.1	Drinking Fountains and Wash Stations	Cleaning	\$ 62,739.00
14.2.2	Mirror/Glass Cleaning	Cleaning	\$ 49,658.00
14.2.3	Elevator Cleaning	Cleaning	\$ 26,178.00
14.2.4	Dusting/Cleaning Entrances, Hallways, Carpeted Areas	Cleaning	\$ 50,422.00
14.2.5	Clean and Service Restrooms, Medical Offices, and Laboratories	Day	\$ 8,221.00
14.2.6	Inside Stairs, Stairwells, Ramps, and Landings	Day	\$ 20,767.00
14.2.7	Light/Lamp Replacement	Fixtures	\$ 40,618.00
14.2.8	Inside/Outside Entrance Area Floors	Day	\$ 42,732.00
14.2.9	Hard Floor Cleaning	Day	\$ 675,077.00
14.2.10	Vacuum Carpets and Rugs	Day	\$ 326,961.00
14.2.11	Machine Scrub Restroom Floors	Month	\$ 31,168.00
14.2.12	Spray Buffing in Hallways	Month	\$ 6,891.00
14.2.13	Recycling Program		
14.2.13 a	White paper	Pound	\$ 9,988.00
14.2.13 b	Cardboard	Pound	\$ 999.00
14.2.13 c	Aluminum Cans	Pound	\$ 24.00
14.2.13 d	Study solid Waste Generation and Accumulation	Study	\$ -
14.2.13 e	Mixed Paper Recycling	Pound	\$ 4,162.00
14.2.13 f	Return Revenues	Transaction	\$ 498.00
14.2.13 g	Track and Report Recycling	Month	\$ 898.00
14.2.14	Solid Waste Removal	Pound	\$ 299,639.00
14.3.1	Dusting/Cleaning	Day	\$ 5,411.00
14.3.2 a	Unscheduled Cleaning - Normal Services	Request	\$ 7,609.00
14.3.2 b	Unscheduled Cleaning - Blood Infectious Material	Request	\$ 1,218.00
14.3.3	Interior Windows	Day	\$ 7,290.00
14.3.4	Exterior Glass Surfaces	Day	\$ 7,290.00

Schedule of Prices

B.7 Schedule of Prices				
Item No.		Description of Services	Unit	Total Price
14.3.5		Strip, Seal, and Wax Floors	Day	\$ 155,332.00
14.3.6		Shampoo Carpets	Day	\$ 33,192.00
14.3.7		Emergencies/ Special Events/ Visitor Custodial Services	Manhour	\$ 237,314.00
14.3.8		Interior Extermination	Request	\$ 40,197.00
14.3.9	a	Supplemental Dumpsters	Cubic Yard	\$ 29,131.00
14.3.9	b	Portable Restroom	Unit	\$ 1,664.00
14.3.11		Training	Day	\$ 7,771.00
14.4.1		Custodial Cleaning Schedules	Report	\$ 4,162.00
14.4.2		Comprehensive Recycling Study Report (CY 1 Only)	Study	\$ -
		Total Annex 14		\$ 2,195,221.00
		Total Annexes 7 and 14		\$ 3,019,060.00

Schedule of Prices

Fixed Price Work - Option 1 (April 1, 2004 through March 31, 2005)

B.7 Schedule of Prices				
Item No.		Description of Services	Unit	Total Price
ANNEX 7		GROUPS MAINTENANCE		
7.2		Grounds Annual Work Plan	Plan	\$ 113,403.00
7.3		Miscellaneous Unscheduled Support Tasks	Request	\$ 6,344.00
7.4		Remove Surface Debris	Week	\$ 11,266.00
7.4a	a	Remove Surface Debris B1	Occurrence	\$ 15,993.00
7.5		Recycle Landscape Trimmings	Week	\$ 5,164.00
7.6		Landscape Timbers and Edging	Linear Feet	\$ 4,888.00
7.7.1	a	Mow and Trim Area A "Improved Grounds"	Occurrence	\$ 177,380.00
7.7.1	b	Mow and Trim Area B "Semi-Improved Grounds"	Occurrence	\$ 10,015.00
7.7.2	a	Edge Area A "Improved Grounds"	Occurrence	\$ 29,725.00
7.7.2	b	Edge Area B "Semi-Improved Grounds"	Occurrence	\$ 2,492.00
7.7.4		Fertilize Lawns	Occurrence	\$ 1,796.00
7.7.5		Dehatch Lawns	Acres	\$ 4,043.00
7.7.6		Aerate Lawns	Acres	\$ 2,617.00
7.7.7		Control Pests on Lawns	Acres	\$ 1,064.00
7.8.1		Maintain Mulch Around Trees	Semi-annual	\$ 37,791.00
7.8.1a	a	Maintain Mulch Around Trees B1	Occurrence	\$ 6,467.00
7.8.2		Water Trees	Tree	\$ 4,509.00
7.8.3		Control Pests on Trees	Tree	\$ 23,685.00
7.8.4	a	Prune and Shape (Area A, B, Pecan Grove)	Tree	\$ 48,803.00
7.8.4a1	a1	Prune and Shape B1	Occurrence	\$ 11,408.00
7.8.4	b	Prune and Shape (Walkways & Jogging Trails)	Occurrence	\$ 12,427.00
7.8.5		Remove Dead Trees	Tree	\$ 3,075.00
7.8.6		Plant New Trees	Tree	\$ 3,202.00
7.9.1		Maintain Mulch in "Landscaped Areas"	Occurrence	\$ 30,474.00
7.9.1	a	Maintain Mulch in "Landscaped Areas" B1	Occurrence	\$ 6,095.00
7.9.2		Control and Remove Weeds	Occurrence	\$ 3,374.00
7.9.2a	a	Control and Remove Weeds B1	Occurrence	\$ 1,083.00
7.9.3		Water	Occurrence	\$ 379.00
7.9.4		Fertilize	Bi-annual	\$ 2,713.00
7.9.5		Provide Pest Control	Occurrence	\$ 182.00
7.9.6		Trim Hedges	Occurrence	\$ 24,982.00
7.9.7		Prune Shrubs	Occurrence	\$ 49,899.00
7.9.7a	a	Prune Shrubs B1	Occurrence	\$ 3,826.00
7.9.8		Replace Plants and Shrubs	Plants/Shrubs	\$ 513.00
7.9.9		Maintain Building 30 Demonstration Landscape	Occurrence	\$ 5,523.00
7.9.10		Maintain Flower Beds	Occurrence	\$ 99,761.00
7.10	a	Maintain Ponds and Connecting Canals	Occurrence	\$ 6,592.00
7.10	b	Clean Ponds	Occurrence	\$ 3,427.00

Schedule of Prices

Fixed Price Work - Option 1 (April 1, 2004 through March 31, 2005)

B.7 Schedule of Prices			
Item No.	Description of Services	Unit	Total Price
7.11	Mow and Trim Unimproved Grounds	Occurrence	\$ 9,900.00
7.12.1	Maintain Fence Line	Occurrence	\$ 2,135.00
7.12.2	Mow and Remove Ditch Vegetation	Occurrence	\$ 16,322.00
7.12.3	Maintain "Rights of Ways"	Occurrence	\$ 6,581.00
7.12.4	Maintain Fire Lanes	Occurrence	\$ 15,584.00
7.12.5 a	Maintain Gravel Areas - Remove Weeds	Occurrence	\$ 3,549.00
7.12.5 b	Maintain Gravel Areas - Apply Herbicide	Occurrence	\$ 172.00
7.13.1 a	Apply Broadcast Baits	Occurrence	\$ 366.00
7.13.1 b	Treat Individual Mounds	Occurrence	\$ 3,958.00
7.13.1b1	Treat Individual Mounds B1	Occurrence	\$ 163.00
7.13.2	Mosquito Control	Fogging	\$ 2,747.00
Total Annex 7			\$ 837,857.00
ANNEX 14	CUSTODIAL SUPPORT SERVICES		\$ -
14.2.1	Drinking Fountains and Wash Stations	Cleaning	\$ 62,996.00
14.2.2	Mirror/Glass Cleaning	Cleaning	\$ 49,861.00
14.2.3	Elevator Cleaning	Cleaning	\$ 26,285.00
14.2.4	Dusting/Cleaning Entrances, Hallways, Carpeted Areas	Cleaning	\$ 50,629.00
14.2.5	Clean and Service Restrooms, Medical Offices, and Laboratories	Day	\$ 8,255.00
14.2.6	Inside Stairs, Stairwells, Ramps, and Landings	Day	\$ 20,852.00
14.2.7	Light/Lamp Replacement	Fixtures	\$ 40,785.00
14.2.8	Inside/Outside Entrance Area Floors	Day	\$ 42,907.00
14.2.9	Hard Floor Cleaning	Day	\$ 677,841.00
14.2.10	Vacuum Carpets and Rugs	Day	\$ 328,300.00
14.2.11	Machine Scrub Restroom Floors	Month	\$ 31,295.00
14.2.12	Spray Buffing in Hallways	Month	\$ 6,919.00
14.2.13	Recycling Program		
14.2.13 a	White paper	Pound	\$ 10,029.00
14.2.13 b	Cardboard	Pound	\$ 1,003.00
14.2.13 c	Aluminum Cans	Pound	\$ 24.00
14.2.13 d	Study solid Waste Generation and Accumulation	Study	\$ -
14.2.13 e	Mixed Paper Recycling	Pound	\$ 4,179.00
14.2.13 f	Return Revenues	Transaction	\$ 500.00
14.2.13 g	Track and Report Recycling	Month	\$ 902.00
14.2.14	Solid Waste Removal	Pound	\$ 300,866.00
14.3.1	Dusting/Cleaning	Day	\$ 5,433.00
14.3.2 a	Unscheduled Cleaning - Normal Services	Request	\$ 7,640.00
14.3.2 b	Unscheduled Cleaning - Blood Infectious Material	Request	\$ 1,223.00
14.3.3	Interior Windows	Day	\$ 7,320.00
14.3.4	Exterior Glass Surfaces	Day	\$ 7,320.00

Schedule of Prices

Fixed Price Work - Option 1 (April 1, 2004 through March 31, 2005)

B.7 Schedule of Prices

<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>Total Price</u>
14.3.5		Strip, Seal, and Wax Floors	Day	\$ 155,968.00
14.3.6		Shampoo Carpets	Day	\$ 33,328.00
14.3.7		Emergencies/ Special Events/ Visitor Custodial Services	Manhour	\$ 238,286.00
14.3.8		Interior Extermination	Request	\$ 40,361.00
14.3.9	a	Supplemental Dumpsters	Cubic Yard	\$ 29,250.00
14.3.9	b	Portable Restroom	Unit	\$ 1,671.00
14.3.11		Training	Day	\$ 7,803.00
14.4.1		Custodial Cleaning Schedules	Report	\$ 4,179.00
14.4.2		Comprehensive Recycling Study Report (CY 1 Only)	Study	\$ -
		Total Annex 14		\$ 2,204,210.00
		Total Annexes 7 and 14		\$ 3,042,067.00

Schedule of Prices
Fixed Price Work - Option 2 (April 1, 2005 through March 31, 2006)

3.7 Schedule of Prices				
<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>Total Price</u>
ANNEX 7		GROUNDS MAINTENANCE		
7.2		Grounds Annual Work Plan	Plan	\$ 114,098.00
7.3		Miscellaneous Unscheduled Support Tasks	Request	\$ 6,232.00
7.4		Remove Surface Debris	Week	\$ 11,067.00
7.4a	a	Remove Surface Debris B1	Occurrence	\$ 15,710.00
7.5		Recycle Landscape Trimmings	Week	\$ 5,073.00
7.6		Landscape Timbers and Edging	Linear Feet	\$ 4,802.00
7.7.1	a	Mow and Trim Area A "Improved Grounds"	Occurrence	\$ 174,245.00
7.7.1	b	Mow and Trim Area B "Semi-Improved Grounds"	Occurrence	\$ 9,839.00
7.7.2	a	Edge Area A "Improved Grounds"	Occurrence	\$ 29,200.00
7.7.2	b	Edge Area B "Semi-Improved Grounds"	Occurrence	\$ 2,448.00
7.7.4		Fertilize Lawns	Occurrence	\$ 1,764.00
7.7.5		Dethatch Lawns	Acres	\$ 3,971.00
7.7.6		Aerate Lawns	Acres	\$ 2,571.00
7.7.7		Control Pests on Lawns	Acres	\$ 1,045.00
7.8.1		Maintain Mulch Around Trees	Semi-annual	\$ 37,124.00
7.8.1a	a	Maintain Mulch Around Trees B1	Occurrence	\$ 6,353.00
7.8.2		Water Trees	Tree	\$ 4,429.00
7.8.3		Control Pests on Trees	Tree	\$ 23,267.00
7.8.4	a	Prune and Shape (Area A, B, Pecan Grove)	Tree	\$ 47,940.00
7.8.4a1	a1	Prune and Shape B1	Occurrence	\$ 11,207.00
7.8.4	b	Prune and Shape (Walkways & Jogging Trails)	Occurrence	\$ 12,208.00
7.8.5		Remove Dead Trees	Tree	\$ 3,020.00
7.8.6		Plant New Trees	Tree	\$ 3,145.00
7.9.1		Maintain Mulch in "Landscaped Areas"	Occurrence	\$ 29,936.00
7.9.1	a	Maintain Mulch in "Landscaped Areas" B1	Occurrence	\$ 5,987.00
7.9.2		Control and Remove Weeds	Occurrence	\$ 3,315.00
7.9.2a	a	Control and Remove Weeds B1	Occurrence	\$ 1,064.00
7.9.3		Water	Occurrence	\$ 372.00
7.9.4		Fertilize	Bi-annual	\$ 2,665.00
7.9.5		Provide Pest Control	Occurrence	\$ 178.00
7.9.6		Trim Hedges	Occurrence	\$ 24,540.00
7.9.7		Prune Shrubs	Occurrence	\$ 49,017.00
7.9.7a	a	Prune Shrubs B1	Occurrence	\$ 3,758.00
7.9.8		Replace Plants and Shrubs	Plants/Shrubs	\$ 504.00
7.9.9		Maintain Building 30 Demonstration Landscape	Occurrence	\$ 5,425.00
7.9.10		Maintain Flower Beds	Occurrence	\$ 97,998.00
7.10	a	Maintain Ponds and Connecting Canals	Occurrence	\$ 6,475.00

Schedule of Prices
Fixed Price Work - Option 2 (April 1, 2005 through March 31, 2006)

B.7 Schedule of Prices

<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>Total Price</u>
7.10	b	Clean Ponds	Occurrence	\$ -
7.11		Mow and Trim Unimproved Grounds	Occurrence	\$ 6,732.00
7.12.1		Maintain Fence Line	Occurrence	\$ 4,862.00
7.12.2		Mow and Remove Ditch Vegetation	Occurrence	\$ 2,098.00
7.12.3		Maintain "Rights of Ways"	Occurrence	\$ 16,033.00
7.12.4		Maintain Fire Lanes	Occurrence	\$ 6,464.00
7.12.5	a	Maintain Gravel Areas - Remove Weeds	Occurrence	\$ 20,412.00
7.12.5	b	Maintain Gravel Areas - Apply Herbicide	Occurrence	\$ 2,615.00
7.13.1	a	Apply Broadcast Baits	Occurrence	\$ 169.00
7.13.1	b	Treat Individual Mounds	Occurrence	\$ 3,922.00
7.13.1b1	b1	Treat Individual Mounds B1	Occurrence	\$ 162.00
7.13.2		Mosquito Control	Fogging	\$ 3,925.00
Total Annex 7				\$ 829,386.00
ANNEX 14		CUSTODIAL SUPPORT SERVICES		\$ -
14.2.1		Drinking Fountains and Wash Stations	Cleaning	\$ 63,278.00
14.2.2		Mirror/Glass Cleaning	Cleaning	\$ 50,084.00
14.2.3		Elevator Cleaning	Cleaning	\$ 26,403.00
14.2.4		Dusting/Cleaning Entrances, Hallways, Carpeted Areas	Cleaning	\$ 50,855.00
14.2.5		Clean and Service Restrooms, Medical Offices, and Laboratories	Day	\$ 8,292.00
14.2.6		Inside Stairs, Stairwells, Ramps, and Landings	Day	\$ 20,945.00
14.2.7		Light/Lamp Replacement	Fixtures	\$ 40,967.00
14.2.8		Inside/Outside Entrance Area Floors	Day	\$ 43,099.00
14.2.9		Hard Floor Cleaning	Day	\$ 680,868.00
14.2.10		Vacuum Carpets and Rugs	Day	\$ 329,766.00
14.2.11		Machine Scrub Restroom Floors	Month	\$ 31,435.00
14.2.12		Spray Buffing in Hallways	Month	\$ 6,950.00
14.2.13		Recycling Program		
14.2.13	a	White paper	Pound	\$ 10,074.00
14.2.13	b	Cardboard	Pound	\$ 1,007.00
14.2.13	c	Aluminum Cans	Pound	\$ 24.00
14.2.13	d	Study solid Waste Generation and Accumulation	Study	\$ -
14.2.13	e	Mixed Paper Recycling	Pound	\$ 4,198.00
14.2.13	f	Return Revenues	Transaction	\$ 503.00
14.2.13	g	Track and Report Recycling	Month	\$ 906.00
14.2.14		Solid Waste Removal	Pound	\$ 302,210.00
14.3.1		Dusting/Cleaning	Day	\$ 5,458.00
14.3.2	a	Unscheduled Cleaning - Normal Services	Request	\$ 7,674.00
14.3.2	b	Unscheduled Cleaning - Blood Infectious Material	Request	\$ 1,229.00
14.3.3		Interior Windows	Day	\$ 7,353.00

Schedule of Prices
Fixed Price Work - Option 2 (April 1, 2005 through March 31, 2006)

3.7 Schedule of Prices				
Item No.		Description of Services	Unit	Total Price
14.3.4		Exterior Glass Surfaces	Day	\$ 7,353.00
14.3.5		Strip, Seal, and Wax Floors	Day	\$ 156,664.00
14.3.6		Shampoo Carpets	Day	\$ 33,477.00
14.3.7		Emergencies/ Special Events/ Visitor Custodial Services	Manhour	\$ 239,350.00
14.3.8		Interior Extermination	Request	\$ 40,542.00
14.3.9	a	Supplemental Dumpsters	Cubic Yard	\$ 29,381.00
14.3.9	b	Portable Restroom	Unit	\$ 1,678.00
14.3.11		Training	Day	\$ 7,838.00
14.4.1		Custodial Cleaning Schedules	Report	\$ 4,198.00
14.4.2		Comprehensive Recycling Study Report (CY 1 Only)	Study	\$ -
		Total Annex 14		\$ 2,214,059.00
		Total Annexes 7 and 14		\$ 3,043,445.00

Schedule of Prices
Fixed Price Work - Option 3 (April 1, 2006 through March 31, 2007)

B.7 Schedule of Prices

<u>Item No.</u>	<u>Description of Services</u>	<u>Unit</u>	<u>Total Price</u>
ANNEX 7	GROUND MAINTENANCE		
7.2	Grounds Annual Work Plan	Plan	\$ 110,138.00
7.3	Miscellaneous Unscheduled Support Tasks	Request	\$ 6,161.00
7.4	Remove Surface Debris	Week	\$ 10,942.00
7.4a	a Remove Surface Debris B1	Occurrence	\$ 15,534.00
7.5	Recycle Landscape Trimmings	Week	\$ 5,015.00
7.6	Landscape Timbers and Edging	Linear Feet	\$ 4,747.00
7.7.1	a Mow and Trim Area A "Improved Grounds"	Occurrence	\$ 172,273.00
7.7.1	b Mow and Trim Area B "Semi-Improved Grounds"	Occurrence	\$ 9,727.00
7.7.2	a Edge Area A "Improved Grounds"	Occurrence	\$ 28,868.00
7.7.2	b Edge Area B "Semi-Improved Grounds"	Occurrence	\$ 2,421.00
7.7.4	Fertilize Lawns	Occurrence	\$ 1,744.00
7.7.5	Dethatch Lawns	Acres	\$ 3,926.00
7.7.6	Aerate Lawns	Acres	\$ 2,541.00
7.7.7	Control Pests on Lawns	Acres	\$ 1,033.00
7.8.1	Maintain Mulch Around Trees	Semi-annual	\$ 36,703.00
7.8.1a	a Maintain Mulch Around Trees B1	Occurrence	\$ 6,281.00
7.8.2	Water Trees	Tree	\$ 4,379.00
7.8.3	Control Pests on Trees	Tree	\$ 23,003.00
7.8.4	a Prune and Shape (Area A, B, Pecan Grove)	Tree	\$ 47,401.00
7.8.4a1	a1 Prune and Shape B1	Occurrence	\$ 11,081.00
7.8.4	b Prune and Shape (Walkways & Jogging Trails)	Occurrence	\$ 12,069.00
7.8.5	Remove Dead Trees	Tree	\$ 2,986.00
7.8.6	Plant New Trees	Tree	\$ 3,110.00
7.9.1	Maintain Mulch in "Landscaped Areas"	Occurrence	\$ 29,597.00
7.9.1	a Maintain Mulch in "Landscaped Areas" B1	Occurrence	\$ 5,919.00
7.9.2	Control and Remove Weeds	Occurrence	\$ 3,276.00
7.9.2a	a Control and Remove Weeds B1	Occurrence	\$ 1,051.00
7.9.3	Water	Occurrence	\$ 368.00
7.9.4	Fertilize	Bi-annual	\$ 2,635.00
7.9.5	Provide Pest Control	Occurrence	\$ 176.00
7.9.6	Trim Hedges	Occurrence	\$ 24,264.00
7.9.7	Prune Shrubs	Occurrence	\$ 48,462.00
7.9.7a	a Prune Shrubs B1	Occurrence	\$ 3,716.00
7.9.8	Replace Plants and Shrubs	Plants/Shrubs	\$ 498.00
7.9.9	Maintain Building 30 Demonstration Landscape	Occurrence	\$ 5,364.00
7.9.10	Maintain Flower Beds	Occurrence	\$ 96,889.00
7.10	a Maintain Ponds and Connecting Canals	Occurrence	\$ 6,402.00

Schedule of Prices
Fixed Price Work - Option 3 (April 1, 2006 through March 31, 2007)

B.7 Schedule of Prices

<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>Total Price</u>
7.10	b	Clean Ponds	Occurrence	\$ 3,328.00
7.11		Mow and Trim Unimproved Grounds	Occurrence	\$ 9,614.00
7.12.1		Maintain Fence Line	Occurrence	\$ 2,074.00
7.12.2		Mow and Remove Ditch Vegetation	Occurrence	\$ 15,852.00
7.12.3		Maintain "Rights of Ways"	Occurrence	\$ 6,391.00
7.12.4		Maintain Fire Lanes	Occurrence	\$ 15,136.00
7.12.5	a	Maintain Gravel Areas - Remove Weeds	Occurrence	\$ 3,447.00
7.12.5	b	Maintain Gravel Areas - Apply Herbicide	Occurrence	\$ 167.00
7.13.1	a	Apply Broadcast Baits	Occurrence	\$ 355.00
7.13.1	b	Treat Individual Mounds	Occurrence	\$ 3,845.00
7.13.1b1	b1	Treat Individual Mounds B1	Occurrence	\$ 158.00
7.13.2		Mosquito Control	Fogging	\$ 2,668.00
Total Annex 7				\$ 813,735.00
ANNEX 14		CUSTODIAL SUPPORT SERVICES		
14.2.1		Drinking Fountains and Wash Stations	Cleaning	\$ 63,529.00
14.2.2		Mirror/Glass Cleaning	Cleaning	\$ 50,283.00
14.2.3		Elevator Cleaning	Cleaning	\$ 26,507.00
14.2.4		Dusting/Cleaning Entrances, Hallways, Carpeted Areas	Cleaning	\$ 51,057.00
14.2.5		Clean and Service Restrooms, Medical Offices, and Laboratories	Day	\$ 8,325.00
14.2.6		Inside Stairs, Stairwells, Ramps, and Landings	Day	\$ 21,028.00
14.2.7		Light/Lamp Replacement	Fixtures	\$ 41,129.00
14.2.8		Inside/Outside Entrance Area Floors	Day	\$ 43,270.00
14.2.9		Hard Floor Cleaning	Day	\$ 683,573.00
14.2.10		Vacuum Carpets and Rugs	Day	\$ 331,076.00
14.2.11		Machine Scrub Restroom Floors	Month	\$ 31,560.00
14.2.12		Spray Buffing in Hallways	Month	\$ 6,978.00
14.2.13		Recycling Program		
14.2.13	a	White paper	Pound	\$ 10,114.00
14.2.13	b	Cardboard	Pound	\$ 1,011.00
14.2.13	c	Aluminum Cans	Pound	\$ 24.00
14.2.13	d	Study solid Waste Generation and Accumulation	Study	\$ -
14.2.13	e	Mixed Paper Recycling	Pound	\$ 4,215.00
14.2.13	f	Return Revenues	Transaction	\$ 505.00
14.2.13	g	Track and Report Recycling	Month	\$ 909.00
14.2.14		Solid Waste Removal	Pound	\$ 303,410.00
14.3.1		Dusting/Cleaning	Day	\$ 5,479.00
14.3.2	a	Unscheduled Cleaning - Normal Services	Request	\$ 7,704.00
14.3.2	b	Unscheduled Cleaning - Blood Infectious Material	Request	\$ 1,234.00
14.3.3		Interior Windows	Day	\$ 7,382.00

Schedule of Prices
Fixed Price Work - Option 3 (April 1, 2006 through March 31, 2007)

B.7 Schedule of Prices

<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>Total Price</u>
14.3.4		Exterior Glass Surfaces	Day	\$ 7,382.00
14.3.5		Strip, Seal, and Wax Floors	Day	\$ 157,287.00
14.3.6		Shampoo Carpets	Day	\$ 33,610.00
14.3.7		Emergencies/ Special Events/ Visitor Custodial Services	Manhour	\$ 240,301.00
14.3.8		Interior Extermination	Request	\$ 40,703.00
14.3.9	a	Supplemental Dumpsters	Cubic Yard	\$ 29,497.00
14.3.9	b	Portable Restroom	Unit	\$ 1,685.00
14.3.11		Training	Day	\$ 7,869.00
14.4.1		Custodial Cleaning Schedules	Report	\$ 4,215.00
14.4.2		Comprehensive Recycling Study Report (CY 1 Only)	Study	\$ -
		Total Annex 14		\$ 2,222,851.00
		Total Annexes 7 and 14		\$ 3,036,586.00

**ANNEX 7
GROUNDS MAINTENANCE
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ANNEX 7
GROUNDS MAINTENANCE

7 GROUNDS MAINTENANCE

7.1 General Information

7.1.1 Annex Description

This annex defines the services required to provide grounds maintenance. Work methods and schedule will be defined in the Contractor developed Grounds Annual Work Plan.

The type of vegetation is typical to that found in the middle Gulf Coast. Grasses on lawns consist of St. Augustine mixed with Bermuda.

7.1.2 Location of Services

Services are required at *JSC and the NASA JSC Dock Facility. ****Grounds Location of Services Maps** delineating the locations and areas to be maintained for specific services are located in the TRL. Areas not maintained in this annex include the softball fields at the Gilruth Center, the fenced area inside the Child Care Center, the leased Building 47 grounds, and parts of the Agricultural Sciences Lab east of the ditch. In general, areas to be maintained are defined in 3 categories: Area A "Improved Grounds", Area B "Semi-Improved Grounds, and Area C "Unimproved Grounds."

7.1.3 Limitations, Restrictions, or Other Exceptions

Grounds maintenance, including the procedures identified in contractor provided Grounds Annual Work Plan, shall conform to ****Executive Order (EO) 13148, Greening the Government Through Leadership in Environmental Management** which includes incorporation of the Guidance for Presidential Memorandum on Environmentally and Economically Beneficial Landscape Practices on Federal Landscaped Grounds (60 Fed. Reg. 40837). Work procedures must also conform to ****NASA Procedures and Guidelines (NPG) 8570.X Energy Efficiency and Water Conservation Technologies and Practices**.

The principles identified in these guidance's provide a framework for the use of environmentally and economically beneficial landscape practices on managed federal lands. They are meant to improve and expand upon current principles of landscape design, implementation and management.

Applications of chemicals, pesticides and herbicides must conform to Texas Department of Agriculture, Texas Natural Resource Conservation Commission (TNRCC), Environmental Protection Agency (EPA), and other applicable guidelines. All applications must be in accordance with TNRCC Texas Pollution Discharge Elimination System regulations and in accordance with ****EO 13148**. No pesticide or herbicide shall be applied within two feet of any ground water wells.

Grounds maintenance will be impacted by 30 Texas Administrative Code (IAC) 114.152(a) which restricts equipment operations. The Contractor must assure compliance by the effective implementation date of April 1, 2005.

CLIN 1.1.7 Restrictions, Limitations and Special Conditions (i). Requires the contractor to promptly repair, at no cost to the government, any damage resulting from failure to comply with the requirements of this contract or failure to exercise reasonable care in performing the work. All damaged areas caused by operations of the contractor shall be restored to original conditions within 2 working days of the damage. All shrubs, trees or plants that die resulting from failure to comply with the requirements of this contract shall be replaced within two weeks of plant or tree removal unless prohibited due to drought conditions. If drought conditions exist, then when it dies the trees, plants or shrubs should be replaced during suitable planting conditions.

CLIN 1.1.7 (f) requires the Contractor to leave the work area in a clean, neat and orderly condition. For the purpose of this annex, this includes but is not limited to keeping rubbish and trash generated clear of vehicular and pedestrian traffic. All paved surfaces shall be cleaned of debris and the site shall be cleaned up at the end of each workday. All contractor equipment shall be stored in the contractor assigned areas when not in use.

The contractor shall maintain the work area in a safe condition at all times. During work operations, pedestrian and vehicular traffic shall be safeguarded against moving equipment.

7.1.4 Definitions

***Pesticides** are any substance or mixture of substances, including herbicides and fungicides, that prevent, destroy, repel or mitigate any pest, or for use as a plant regulator, defoliant, or desiccant.

***Pests** are any insect, rodent or other animals, unwanted plants (weed), fungi, or microorganisms like bacteria and viruses that are detrimental to plant growth.

***Landscaped Areas** are defined as areas that contain shrubs, hedges, ground covers, plants, flowers, and other areas with mulch.

ITEM NO.	CLIN TITLE/ OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
7.2	<p>Grounds Annual Work Plan</p> <p>Provide and Implement a Grounds Annual Work Plan.</p>	<p>Develop, submit, and implement a Grounds Annual Work Plan to document the schedule and work methods used to perform grounds maintenance. Submit the plan for approval by the Grounds *TMR within 30 days of contract award. Update and submit the plan annually 30 days prior to the start of each contract year. The plan shall include the following information:</p> <p>Provide a schedule for all categories of service contained in this annex. The schedule shall reflect one year of work, and it shall document the location of work.</p> <p>Document the standards and criteria used to implement work methods for each service provided. Work methods shall include implementation of **EO 13148 that includes incorporation of the Guidance for Presidential Memorandum on Environmentally and Economically Beneficial Landscape Practices on Federal Landscaped Grounds (60 Fed. Reg. 40837). Work methods shall also incorporate **NPG 8570.X. Water Conservation measures must be documented as required by DRD AN-1-3 Section 3.12.</p> <p>The plan shall show how the Contractor will incorporate:</p> <p>Use of regionally native plants for landscaping.</p> <p>Implementation of water and energy efficient practices for landscape irrigation.</p> <p>Implementation of pollution prevention practices which contain the following initiatives:</p> <p>Manage and select fertilizers.</p> <p>Manage *Pests and *Pesticides through an Integrated Pest Management (IPM) program. The plan shall reflect the use of control measures for chemical selection and use, including management of insects and weed control.</p> <p>Recycle landscape trimmings.</p> <p>Purchase environmentally preferable and recycled content products, including EPA- designated items such as compost and mulch.</p> <p>Implementation of TNRCC Texas Pollution Discharge Elimination Systems Regulations to control application of *pesticides.</p>	1 plan	<p>Plan is complete, approved and documents compliance with guidance and Federal, State and local regulations.</p> <p>Plan submitted timely.</p>

ITEM NO.	CLIN TITLE/ OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>implementation of 30 TAC 114.452(a) effective April 1, 2005 that requires equipment powered by handheld and non-handheld spark ignition engines below 25 horsepower (hp) are not operated between the hours of 6:00 am and noon during the time period from April 1 to October 31. The Contractor may, at no expense to the Government, seek exemption from this restriction by preparing and submitting to the *TMR a site-specific emission reduction plan by May 15, 2003. The plan must be developed in accordance with TNRCC guidance and demonstrate equivalent emission reductions, as provided by 30 TAC 114.452(c). The affected handheld equipment includes, but is not limited to: trimmers, edgers, chain saws, leaf blowers/vacuums, and shredders. Non-handheld equipment includes, but is not limited to: walk-behind lawn mowers, lawn tractors and tillers. Emergency use of equipment is allowed to protect human health and safety or the environment.</p>		
7.3	<p>Miscellaneous Unscheduled Support Tasks</p> <p>Support is provided to perform miscellaneous unscheduled tasks.</p>	<p>Accomplish miscellaneous unscheduled tasks generated by customer requests to Work Control Center. Tasks provide for services that are not in the normal contractor established schedule. Examples include, but are not limited to: removal of debris such as pine needles and leaves on sidewalks which present a slip hazard; application of pesticide for bees and other outdoor pests; trapping and relocation of nuisance animals and reptiles; removal of dead animals, and removal of debris, fallen trees and branches after windstorms or heavy rains.</p> <p>Begin response within 1 hour of notification and work until completion.</p> <p>Note: Average time for completion of requests is two man-hours.</p>	200 requests	Timely and complete response.
7.4	<p>Remove Surface *Debris</p> <p>Collect and remove surface *Debris</p> <p>Building 1 Daily General Maintenance</p>	<p>Collect and remove surface *debris at 3 to 4 calendar day intervals. Remove *debris from lawns, landscaped beds, and sidewalks and roads prior to mowing, trimming and edging.</p> <p>a. Collect and remove surface *debris on a daily basis. The area for this item includes Building 1, the Mall area immediately behind buildings 2 and 3, the parking lot adjacent to Building 1 and Gate 2.</p>	<p>92 occurrences</p> <p>Area A and B: 315 acres</p> <p>251 occurrences</p> <p>2 Acres</p>	<p>Clean Areas per schedule.</p> <p>No visible *debris.</p> <p>Clean and maintain area daily.</p> <p>No visible *debris.</p>
7.5	Recycle Landscape Trimmings	<p>Recycle landscape trimmings by composting in the designated area. Reuse the composted materials on site during maintenance activities. Area to be used for composting will be designated by Government and is located north of Building 241.</p>	One compost area	Landscape trimmings are recycled and reused.

ITEM NO.	CLIN TITLE/ OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
7.6	Landscape Timbers and Edging Replace landscape timbers and edging.	Replace 3,000 linear feet of wooden 4X4 and metal landscape edging per year. This represents replacement of approximately 20% of the total edging material per year. Edging to be replaced shall be identified by the Contractor based on deterioration. Materials used shall be similar to existing materials.	3,000 linear feet of edging	Edging is replaced in proper quantity and good workmanship is used.
7.7	Lawns			
7.7.1	Mow and Trim Lawns Maintain uniform lawn height.	<p>Grass Cutting: Cut lawn areas to a neat, uniform height of 1 to 3 inches. Distribute grass cuttings evenly with no windrows, matting or clumps.</p> <p>Grass Trimming: Grass surrounding fixed objects in lawns and adjacent to buildings and structures, including trees, shrubs, utilities, etc. are included in the mowing and should be maintained up to the base of the object. Trimming accomplished with herbicide treatment shall be confined to an area extending no further than 6 inches from the object being trimmed. Trimming also includes removal of vegetation in surrounding swales and ditches which is not cut during the mowing process. Trimming operations are considered a part of grass cutting and shall be accomplished concurrently (same day) with grass cutting.</p> <p>Note: Perimeter fences are included in Contract line item number 7.10.1.</p>	Nothing additional	
		a. Mow and trim Area A "Improved Grounds"	218 Acres	Finished lawn is clean, evenly cut to the required height with all obstacles trimmed.
		Mow twice weekly 1 April thru 31 October at 3 to 4 calendar day intervals. (60 cuttings).	81 occurrences	
		Mow weekly 1 Nov. thru 31 March at 6 to 8 calendar day intervals (21 cuttings.)		Work is performed per schedule.
		b. Mow and trim Area B "Semi-Improved Grounds"	97 acres	Finished lawn is clean, evenly cut to the required height with all obstacles trimmed.
		Mow at 10 to 12 calendar day intervals 1 April thru 31 October. (19 cuttings)	29 occurrences	
		Mow twice *Monthly (M) 1 Nov. through 31 March at 14 to 16 calendar day intervals. (10 cuttings).		Work is performed per schedule.

ITEM NO.	CLIN TITLE/ OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
7.7.2	Edge Grass Grass adjacent to paved areas is edged.	<p>Edge lawns adjacent to all sidewalks, parking lots, streets, curbs and driveways to achieve a straight vertical edge where the grass meets the edge of the obstacle.</p> <p>Remove all vegetation in sidewalks and street expansion joints, curbs and cracks during edging. Herbicide may be used to control growth in these areas.</p> <p>Maintain lateral growth of grass on streets, parking lots and driveways where pavement edge is not discernable in a straight and even line by approximating the edge of the pavement.</p> <p>Edging should be accomplished in an area the same day it is mowed. Areas A and B include approximately 107,000 linear feet of sidewalk edging and 60,000 linear feet of curb edging.</p> <p>a. Edge Area A "Improved Grounds"</p> <p>Edge twice weekly 1 April thru 31 October at 3 to 4 calendar day intervals. (60 edgings).</p> <p>Edge weekly 1 Nov. thru 31 March at 6 to 8 calendar day intervals. (21 edgings.)</p> <p>b. Edge Area B "Semi-Improved Grounds"</p> <p>Edge at 10 to 12 calendar day intervals 1 April thru 31 October. (19 edgings)</p> <p>Edge twice *Monthly (M) 1 Nov. through 31 March at 14 to 16 calendar day intervals. (10 edgings).</p>	<p>Nothing additional</p> <p>218 acres 81 occurrences</p> <p>97 acres 29 occurrences.</p>	<p>.</p> <p>Edging is done on schedule and lines along edged surfaces are neat and clean and no grass extends over any paved surface.</p> <p>Edging is done on schedule and lines along edged surfaces are neat and clean and no grass extends over any paved surface</p>
7.7.3	Water Lawns Maintain healthy lawn appearance and growth by watering.	Water the lawn in areas where **Turf Irrigation Systems are provided to maintain healthy plant growth.	Contractor determined	Grass is watered to maintain healthy condition per Grounds Annual Work Plan.
7.7.4	Fertilize Lawns Maintain healthy grass growth by fertilizing.	<p>Fertilize lawns in areas described below. Fertilizer shall be slow release and soil testing shall be performed to determine what added nutrients the fertilizer should provide.</p> <p>Fertilize 69 acres of Area A 3 times per year in late spring, summer, and early fall.</p> <p>Fertilize the remainder of Area A (129 acres) once per year in late spring.</p>	<p>3 occurrences</p> <p>69 acres</p> <p>129 acres one occurrence</p>	Proper fertilizer is applied per schedule and per Grounds Annual Work Plan.

ITEM NO.	CLIN TITLE/ OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
7.7.5	Dethatch Lawns Maintain healthy grass growth by dethatching.	Control thatch by removing decomposed plant matter to maintain healthy grass growth. The specific area for dethatching shall be determined by the Contractor based on the condition of the grass.	20 acres of Area A	Thatch is removed per Grounds Annual Work Plan to maintain grass in healthy condition.
7.7.6	Aerate Lawns Maintain healthy grass growth by aerating.	Aerate in areas of heavy traffic to eliminate compacted soils to sustain healthy grass growth. The specific location for aeration shall be contractor determined based on site conditions.	20 acres of Area A	Aeration is performed per procedures established in Annual Work Plan.
7.7.7	Control *Pests on Lawns Maintain healthy grass growth by controlling *pests .	Control pests on lawns to maintain healthy grass growth based on IPM.	69 acres of Area A	*Pests are controlled to maintain healthy grass per IPM.
7.8	Trees			
7.8.1	Maintain Mulch Around Trees Maintain mulch ring around trees at a uniform depth.	Maintain bark mulch around the base of trees such that a 3-foot radius exists from the base of the trunk. If the root structure of the tree extends above the ground further than 3 feet, the ring shall be enlarged to accommodate the tree. Maintain the mulched circle at a uniform depth between 2 and 4 inches. Apply herbicide to treat mulch area to control vegetation growth. When new mulch is not required, turn and rake existing mulch to present a fresh and clean aesthetic appearance. Service shall be provided three times per year at 4-month calendar intervals. The locations of service are those trees where tree rings already exist in areas A and B with the exception of the area around Building 1, which is covered in 7.8.1a.	1870 trees 3 occurrences	Mulch is maintained at required depth; tree rings are uniform in shape; work is accomplished per schedule.
	Maintain Mulch Around Building 1 Trees Maintain mulch ring around trees at a uniform depth.	a. Maintain bark mulch around the base of trees such that a 3-foot radius exists from the base of the trunk. If the root structure of the tree extends above the ground further than 3 feet, the ring shall be enlarged to accommodate the tree. Maintain the mulched circle at a uniform depth between 2 and 4 inches. Apply herbicide to treat mulch area to control vegetation growth. When new mulch is not required, turn and rake existing mulch to present a fresh and clean aesthetic appearance. Service shall be provided 32 times per year at 10 to 12 calendar day intervals. The locations of service are those trees where tree rings already exist in the area around Building 1. The area for this item includes Building 1, the Mall area immediately behind buildings 2 and 3, the parking lot adjacent to Building 1 and Gate 2.	30 trees 32 occurrences	Mulch is maintained at required depth; tree rings are uniform in shape; work is accomplished per schedule.

ITEM NO.	CLIN TITLE/ OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
7.8.2	Water Trees Maintain healthy tree growth by watering.	Water trees to maintain healthy growth and prevent damage during drought conditions. Trees in danger of dying from drought stress shall be watered using turf irrigation systems or hoses from fire hydrants or other available sources for all Area A and B grounds. Note: The majority of trees are established and mature and do not require water except during severe drought conditions. Pecan grove (approximately 100 trees) is not included in the workload quantity because there is not a source of water available for use. Workload data represents trees in areas A and B.	2,100 trees	Trees are watered to maintain healthy condition.
7.8.3	Control *Pests on Trees Maintain healthy tree growth by controlling *pests .	Control pests on trees to maintain healthy tree growth. Note: Workload data includes trees in Area A, B, and pecan grove.	2,200 trees	*Pests are controlled to maintain healthy trees per IPM.
7.8.4	Prune Trees Prune trees to maintain proper size, shape, and to maintain walkway clearance.	a. Prune and shape to maintain a uniform appearance, enhance the trees natural growth pattern, and remove nuisance growth and dead/dying limbs. Trees shall also be shaped to provide the proper clearance over streets and roads. Crepe Myrtle trees shall be trimmed as needed but at least twice per year. Approximately one third of all others shall be pruned twice each year. Note: Trees included are those in area A, B and the pecan grove with the exception of the area around Building 1, which is covered in 7.8.4a1. Trees not maintained are located in natural wooded areas or outlying areas and are not included in this count.	770 trees 2 occurrences	Trees pruned to maintain specified appearance and per schedule.
	Prune Building 1 Trees Prune trees around Building 1 to maintain proper size, shape, and to maintain walkway clearance	a1. Prune and shape to maintain a uniform appearance, enhance the trees natural growth pattern, and remove nuisance growth and dead/dying limbs. Trees shall also be shaped to provide the proper clearance over streets and roads. Crepe Myrtle trees shall be trimmed as needed but at least once per month. Approximately one third of all others shall be pruned once each month. Note: Trees included are those in the area around Building 1. The area for this item includes Building 1, the Mall area immediately behind buildings 2 and 3, the parking lot adjacent to Building 1 and Gate 2. Trees not maintained are located in natural wooded areas or outlying areas and are not included in this count.	30 trees 12 occurrences	Trees pruned to maintain specified appearance and per schedule.

ITEM NO.	CLIN TITLE/ OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
	Prune Trees Prune trees to maintain proper size, shape, and to maintain walkway clearance	b. Prune trees over pedestrian walkways and jogging trails. Maintain 10 feet of overhead clearance over the width of the sidewalk and jogging trails extending two feet adjacent on to the grass next to the paved surface. All walkways and jogging trails shall be surveyed, and trees and shrubs trimmed every 3 to four 4 weeks (16 occurrences) to maintain the designated clearance.	16 occurrences	Specified clearance is provided over pedestrian walkways and jogging trails at all times.
7.8.5	Remove Dead Trees Remove dead trees and restore surrounding conditions.	Remove dead trees. Grind stump to a level below the ground and restore the area to similar surrounding conditions. Trees shall be removed within 4 weeks after they die.	24 trees	Trees are safely removed in a timely manner and ground restored to surrounding conditions.
7.8.6	Plant New Trees Plant and maintain 24 new trees per year.	Plant and maintain 24 new trees per year. Twelve trees shall be minimum 3-inch caliper and 12 trees shall be minimum 2-inch caliper. Species shall be Texas native or adapted trees. The location for the newly planted trees shall be proposed by Contractor and approved by the Grounds *TMR.	24 trees	Specified trees are planted and maintained.
7.9	Landscaped Areas			
7.9.1	Maintain Mulch in *Landscaped Areas Maintain mulch in *landscaped areas at proper depth.	Maintain bark mulch in *landscaped areas between 2 and 4 inches thick. When new mulch is not required to maintain the proper depth, turn and rake existing bark to present a fresh and clean aesthetic appearance. Service shall be provided 3 times per year - twice between March 1 and April 30, and once between October 1 and November 30. The area for this line item includes all landscaped areas on site with the exception of the landscaped area around Building 1, which is covered in 7.9.1a.	1.7 acres 3 occurrences	Bark mulch is maintained between specified depths and applied per schedule.
	Maintain Mulch in Building 1 *Landscaped Areas Maintain mulch in *landscaped areas at proper depth.	a. Maintain bark mulch in *landscaped areas around Building 1 between 2 and 4 inches thick. When new mulch is not required to maintain the proper depth, turn and rake existing bark to present a fresh and clean aesthetic appearance. Service shall be provided 4 times per year - twice between March 1 and April 30, and twice between October 1 and November 30. The area for this item includes Building 1, the Mall area immediately behind buildings 2 and 3, the parking lot adjacent to Building 1 and Gate 2.	0.3 acres 4 occurrences	Bark mulch is maintained between specified depths and applied per schedule.

ITEM NO.	CLIN TITLE/ OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
7.9.2	Control and Remove Weeds Control and remove undesirable vegetation in *landscaped areas .	Control and remove unwanted vegetation from *landscaped areas 22 times per year at 2 to 3 week intervals. Control unwanted vegetation through use of pre-emergent herbicide. Undesirable vegetation includes but is not limited to: grass, *weeds , fungus, thistle, dallis grass, clover, chickweed, and other vegetation not initially planted or maintained for aesthetic value. The area for this line item includes all landscaped areas on site with the exception of the landscaped area around Building 1, which is covered in 7.9.2a.	22 Occurrences 1.7 acres	Weeds are removed in *landscaped areas per schedule. Weeds are controlled per Grounds Annual Work Plan.
	Control and Remove Weeds, Building 1 Control and remove undesirable vegetation in *landscaped areas .	a. Control and remove unwanted vegetation from *landscaped areas around Building 1 40 times per year at 8 to 10 calendar day intervals. Control unwanted vegetation through use of pre-emergent herbicide. Undesirable vegetation includes but is not limited to: grass, *weeds , fungus, thistle, dallis grass, clover, chickweed, and other vegetation not initially planted or maintained for aesthetic value. The area for this item includes Building 1, the Mall area immediately behind buildings 2 and 3, the parking lot adjacent to Building 1 and Gate 2.	40 Occurrences 0.3 acres	Weeds are removed in *landscaped areas per schedule. Weeds are controlled per Grounds Annual Work Plan.
7.9.3	Water Water plants in *landscaped areas to sustain healthy growth.	Water hedges and shrubs, flowers and plants in *landscaped areas to sustain healthy plant growth. Plants shall be watered with the established **Turf Irrigation Systems or other available fire hydrants and hose bib sources for all Area A and B grounds.	Area A and B 315 acres	*Landscaped areas and hedges are maintained healthy by watering.
7.9.4	Fertilize Fertilize *landscaped areas to sustain healthy plant growth.	Fertilize *landscaped areas to maintain proper plant tissue color and enhance growth. Provide bi-annual fertilization of shrubs and pH soil adjustment as needed by the plants.	2 acres 2 occurrences Contractor determined pH adjustment	*Landscaped area plants are maintained healthy by fertilization.
7.9.5	Provide *Pest Control Control *Pests in *landscaped areas .	Control *pests in *landscaped areas to maintain healthy plants and shrubs.	2 acres	*Pests are controlled on plants, shrubs, and flowers per Integrated Pest Management.
7.9.6	Trim Hedges Trim hedges and apply growth regulator to maintain proper size and shape.	Trim hedges twice *Monthly (M) to maintain a straight line of growth. Height shall not impede pedestrian or vehicle visibility. Apply growth regulator as needed to control growth.	24 occurrences 290,000 cu. ft. hedges, Area A and B	Hedges are maintained in uniform appearance and trimming accomplished per schedule

ITEM NO.	CLIN TITLE/ OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
7.9.7	Prune Shrubs Maintain proper size and shape of shrubs by pruning.	Prune and trim shrubs * Yearly to maintain natural growth, proper size, shape and appearance. Height shall not impede pedestrian or vehicle visibility. Schedule shall be determined by type of shrub. Note: The area for this line item includes all landscaped areas on site with the exception of the landscaped area around Building 1, which is covered in 7.9.7a. The majority of shrubs are located in the central mall area.	One occurrence Area A and B (minus B-1 area), 313 acres	Shrubs are pruned per schedule and natural growth is maintained.
	Prune Shrubs, Building 1 Maintain proper size and shape of shrubs by pruning.	a. Prune and trim shrubs * Monthly to maintain natural growth, proper size, shape and appearance. Height shall not impede pedestrian or vehicle visibility. Schedule shall be determined by type of shrub. Note: The area for this item includes Building 1, the Mall area immediately behind buildings 2 and 3, the parking lot adjacent to Building 1 and Gate 2. The majority of shrubs are located in the central mall area.	12 occurrences B-1 landscaped area, 2 acres	Shrubs are pruned per schedule and natural growth is maintained.
7.9.8	Replace Plants and Shrubs Replace dead plants and shrubs in *landscaped areas .	Replace plants and shrubs that have died in *landscaped areas or hedges within two weeks after they die. Replace with similar type plant and with a size that is suitable for the replacement area (5 to 15 gallon). Maintain the newly planted plants and shrubs.	20 plants or shrubs	Plants or shrubs are provided in a timely manner and meet specified criteria.
7.9.9	Maintain Building 30 Demonstration Landscape Building 30 Demonstration Landscape is maintained.	Maintain the Building 30 demonstration landscape. Fertilize the area 4 times per year using organic fertilizers. Control pests through use of IPM and organic pesticides. Replace all dead plants with native Texas or adapted plants of similar types within two weeks of plant loss. Note: The Building 30 demonstration landscape was installed to meet the requirements of **Executive Order 13148 . The landscape consists of three beds and contains low maintenance, Texas native or adapted plants. One bed contains xeriscape plants. The landscape is watered through a low flow irrigation system set on timers. The trimming, mulching, watering and control of weeds in this landscape are accomplished in the CLIN's contained in other landscaped area requirements.	1,550 square feet	Demonstration landscape is maintained, fertilized, and controlled for pests in a timely manner. Dead plants are replaced timely.

ITEM NO.	CLIN TITLE/ OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
7.9.10	Maintain Flower Beds Maintain flowerbeds to a "full garden" appearance.	Plant and maintain (fertilize, water, control *pests , deadhead blooms/ replace dead plants) seasonal flowering plants to maintain a "full garden" appearance in planters and beds containing flowers. Note: A "full garden" appearance means seasonal year round color using growers spacing and planting recommendations to present a pleasing visual effect. Plant "annuals" no less than 3 times per year. Note: Perennials may be used in conjunction with "annuals" but year round color must be provided. Area of 0.4 acres includes planters at Buildings 2, 3, 4, 45 and 30. The 0.4 acres of flowers is included in the 2 acres of landscaped areas for other required maintenance.	0.4 acres.	Continual display of seasonal flowers.
7.10	Maintain Ponds and Connecting Canals Maintain ponds and connecting canals at proper level and free of *debris .	The central mall has 3 ponds of approximately 70,400 sq. ft. with 2,880 sq. ft. of connecting canals. The surface is lined with concrete gunite and edged with rocks. Maintain ponds and canals free of *debris and all undesirable surface scum, vegetation and animals. Maintain water level to allow free water flow through canal at all times. Maintain water plant life. Drain and clean ponds and canals bi-annually. Move fish prior to draining. Clean gunite surface and rocks with water to remove debris, mildew and algae. to remove debris. Remove all trash and debris. Refill ponds and test water for chlorine and ammonia prior to moving Koi and other fish back to assure a healthy environment.	Maintain 365 days. Cleaning in Contract Year 1, 3, and 5.	Areas kept free of *debris with proper water level maintained. Ponds and canals cleaned per schedule.
7.11	Mow and Trim Unimproved Grounds Unimproved grounds are mowed and trimmed.	Mow and trim unimproved grounds 4 times per year: twice in the spring to early summer and twice in the fall to winter. Grass surrounding fixed objects in lawns and adjacent to buildings and structures should be maintained up to the base of the object. Cut height shall be established by equipment used. *Debris shall be picked up and removed during the mowing process. Trimming accomplished with herbicide treatment shall be confined to an area extending no further than 36 inches from the object being trimmed. Trimming operations are considered a part of grass cutting and shall be accomplished the same week as grass cutting. Note: Hay baling removal of cuttings/trimmings is also acceptable and permitted for an economic method to mow the fields.	4 occurrences 629 acres	Mowing and trimming accomplished completely and per schedule.

ITEM NO.	CLIN TITLE/ OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
7.12	Vegetation Control			
7.12.1	Maintain Fence Line Maintain fence line free of vegetation and maintain grade elevation.	Remove vegetation growing on the fence line *Monthly (M) . Apply herbicide to control vegetation growth. Maintain grade elevation under fence lines *Monthly (M) by restoring eroded soil to provide security. Includes a minimum width of 2 feet on each side of the fence, for a total of 4 feet.	12 occurrences 17 miles of fence.	No vegetation on fences after cleaning. No eroded areas under fence.
7.12.2	Mow and Remove Ditch Vegetation Vegetation in ditches is removed to maintain drainage.	Mow ditch banks and remove vegetation from the bottom of the ditch 4 times per year with intervals spaced at least 60 days apart. Do not mow ditch slopes when the ground is wet. Note: Herbicide application shall not be applied in ditches.	4 occurrences 46 acres of ditch, including bank and water area.	Perform all maintenance procedures completely and per schedule.
7.12.3	Maintain "Right of Ways" Maintain trees, shrubs and vegetation near overhead power transmission lines.	Maintain trees and shrubs 10 feet away from towers and 20 feet on each side of overhead conductors. Trees, shrubs and vegetation shall be maintained at a height of less than 2 feet above ground level.	3 miles 365 days	Trees, shrubs and vegetation maintained at proper height in the specified area.
7.12.4	Maintain Fire Lanes Maintain fire lanes free of obstructions.	Mow fire lanes *Monthly (M) and maintain free of obstructions to allow access for emergency vehicles. Lanes shall be maintained a minimum width of 16 feet and a minimum clearance height of 16 feet.	12 occurrences 5.8 miles.	Lanes are maintained per schedule and with proper clearances.
7.12.5	Maintain Gravel Areas Free of Vegetation. Control vegetation in gravel areas and surrounding structures.	Control and remove vegetation from gravel surfaces which include, but are not limited to: lift station yards, transformer yards, parking lot islands, gravel walkways, roads and road shoulders, equipment pads, and gravel areas adjacent to buildings such as 32, 221, 223, 322, Longhorn Field, T586, and T588.	13 acres	Gravel areas are treated and weeds removed per schedule.
	a. Remove Weeds	Weeds shall be removed every 3 to 4 weeks (16 occurrences).	Remove weeds 16 occurrences	
	b. Apply Herbicide	Control includes application of pre and post-emergent herbicide to control weeds on a 3-month interval. Note: Vegetation control activities around electrical switchgear shall conform to **Maintenance or Construction on or Near Electrical Distribution Equipment.	Apply herbicide 4 occurrences	

ITEM NO.	CLIN TITLE/ OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
7.13	*Pesticide Application			
7.13.1	Control Fire Ants Fire ant infestations are controlled.	Control fire ant populations. a. Apply broadcast baits at 6-month intervals. b. Treat individual mounds adjacent to sidewalks and areas where pedestrians work *Monthly (M) . The area for this line item does not include the area around Building 1 which is covered under 7.13.1b1 b1. Treat individual mounds weekly in the area around Building 1, adjacent to sidewalks and areas where pedestrians work	Area A 213 acres Broadcast bait application 2 occurrences 12 occurrences 52 occurrences	Fire ants are controlled and treated per schedule and as required.
7.13.2	Mosquito Control	Control Mosquitoes. Provide fogging of *JSC . Schedule will be proposed by contractor and approved by CO. Provide 12 services per year.	12 foggings.	Site is completely and per schedule.
7.14	*Pesticide and Herbicide Handling			
7.14.1	Dispose of *Pesticide Waste *Pesticide waste is disposed of properly.	Dispose of *pesticide waste. Whenever possible, *pesticide quantities shall be calculated and mixed in such a way that all the prepared solution will be used on the job, minimizing or eliminating leftover "waste" solution. Container and tank rinsate shall also be used whenever possible. All waste shall be considered Industrial Solid Waste and shall be processed accordingly. (See Annex 9).	Contractor determined.	*Pesticides are managed and regulated substances are identified, controlled, and turned in for proper disposal.
7.14.2	Chemical Usage Report Maintain chemical usage reports to track *pesticide application.	Maintain chemical usage reports per the applicable regulations as designated by the Texas Department of Agriculture and other applicable guidelines. The data on the form should be verified for accuracy by the pesticide application supervisor. Complete reports with all pertinent information within 24 hours of pesticide application. The reports shall be available upon request for review by the government. Note: See **Pesticide Usage Records for typical application records.	Contractor determined.	Reports maintained completely, timely and accurately.

ITEM NO.	CLIN TITLE/ OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
7.15	Personnel Requirements			
7.15.1	Provide Trained * Pesticide Applicators Provide personnel who have proper certification and licensing requirements.	Obtain a State of Texas Commercial Pesticide Applicator's license from Texas Dept. of Agriculture or the Structural Pest Control Board for all individuals who will either apply or supervise the application of pesticides.	Contractor determined.	Current certification, or evidence of license(s), is on hand for all categories of pesticides being applied.
7.16	Records, Reports and Submittals	Provide a Grounds Annual Work Plan per CLIN 7.2	Nothing additional	See CLIN 7.2

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 952		3. EFFECTIVE DATE Same as Block 16c BJ3/T40		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Parkway Houston, TX 77058		281-483-4214/34173 (fax)		Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$3,375,691.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.


14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$3,375,691.00 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 12/23/03

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2153 is \$17,581,838.99 as of December 18, 2003.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$18,229,585.10."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$1,470,210.00. The maximum available award fee, excluding base fee, if any, is \$58,805.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$1,669,415.00. This allotment covers Task Orders 800 through 1425 as of December 17, 2003.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$1,995,115.09. An additional amount of \$67,222.00 is obligated under this contract for payment of fee, for a total of \$2,062,337.09."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$51,477,546.80. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through February 28, 2004.

(b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee.
(End of clause)"

D. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$6,438,528.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200043707	\$1,969,907.00			
4200044090	\$600,000.00			
		<u>Estimated Costs</u>	<u>Award Fee</u>	<u>Total</u>
TOTAL	\$2,569,907.00	\$2,569,907.00	\$0.00	\$2,569,907.00

<u>FIXED PRICE</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200043707	\$402,084.00
TOTAL	\$402,084.00

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200040871	\$10,925.00
4200043017	\$47,187.00
4200043766	\$40,000.00
4200043770	\$3,947.00
TOTAL	\$102,059.00

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200043017	\$290,039.00	\$0.00	\$290,039.00
4200043707	\$0.00	\$11,602.00	\$11,602.00
	\$290,039.00	\$11,602.00	\$301,641.00

TOTAL	\$3,375,691.00
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B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$18,127,526.10
This Action	<u>\$102,059.00</u>
New Obligation	\$18,229,585.10

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$1,705,076.09	\$55,620.00	\$1,760,696.09
This Action	<u>\$290,039.00</u>	<u>\$11,602.00</u>	<u>\$301,641.00</u>
New Obligation	\$1,995,115.09	\$67,222.00	\$2,062,337.09

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$48,907,639.80	\$1,771,282.73	\$50,678,922.53
This Action	<u>\$2,569,907.00</u>	<u>\$0.00</u>	<u>\$2,569,907.00</u>
New Obligation	\$51,477,546.80	\$1,771,282.73	\$53,248,829.53

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$6,036,444.36
This Action	<u>\$402,084.00</u>
New Obligation	\$6,438,528.36

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$744,142.97
This Action	<u>\$0.00</u>
New Obligation	\$744,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$75,520,829.32	\$1,826,902.73	\$77,347,732.05
This Action	<u>\$3,364,089.00</u>	<u>\$11,602.00</u>	<u>\$3,375,691.00</u>
New Obligation	\$78,884,918.32	\$1,838,504.73	\$80,723,423.05

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 1
950	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. N/A	5. PROJECT NO. (If
ISSUED BY	BJ3(T57)	7. ADMINISTERED BY (If other than Item 6)	

NASA Lyndon B. Johnson Space Center
Institutional Procurement Office
Attn: BJ3/Venessa Jankowski
Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
DynCorp Technical Services, LLC
Attn: DYNCOSS/Mike Dallas
2101 NASA Parkway
Houston, TX 77058

21082 108729
SCH. 12102103 CLE 12103103
SCH DATE 12102103 PAY DATE 12103103
AMOUNT 83,345.00
DOCUMENT 5600163079 TYPE D
TECH SM 12

PAID

CODE	FACILITY CODE	AMT. <u>83,345.00</u>
9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	DATE <u>12/03/03</u>

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for ☐ is extended, ☐ is not
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following

(a) By completing Items 8 and 15, and ☐ Copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. (x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). NFS 1852.216-76
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: ☒ is not, ☐ is required to sign this document 0 copies to the issuing office

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where The purpose of this modification is to recognize award fee earned for the third award fee evaluation period: April 1, 2002, to October 31, 2003.

Award Fee Available for Period: \$394,035
Award Fee Earned: \$342,810
Less Provisional Fee Payments: \$259,466
Total to be Paid to DynCorp: \$ 83,345

AWARD FEE PAYMENT

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

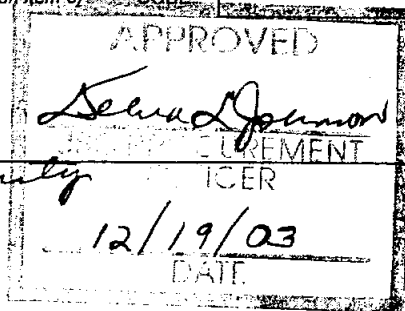
15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Valerie A. Marburger		
15B. CONTRACTOR/OFFEROR	15C. DATE	16B. UNITED STATES OF AMERICA BY <u>Valerie A. Marburger</u>	16C. DATE SIGNED <u>11/25/03</u>
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105
JSC MS Word (Aug 95)

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA FAR (48 CFR) 53.243

1057.0005
11/25/03

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 949		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) CODE Same as Block 6	
8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Parkway Houston, TX 77058					

CODE (X)		FACILITY CODE	
9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056		10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.	
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).	
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	
d. OTHER (Specify type of modification and authority) X Mutual Agreement of the Parties	

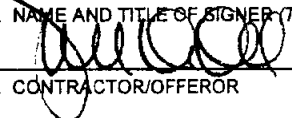
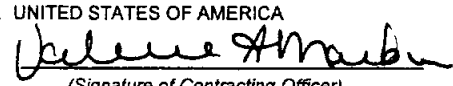
E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to provisionally increase the estimated cost by \$11,277,714 for the base period to cover costs in excess of the contract value. This provisional increase does not affect the right of either party to effect a definitive adjustment to the estimated cost in accordance with other applicable provisions of the contract. No adjustment in fee shall be made relative to the provisional increase in estimated cost. This modification shall be definitized by June 15, 2004.

The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) 		18A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)		18B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	
15C. DATE SIGNED 12/14/03		18C. DATE SIGNED 12/19/03	

14. Continued

A. Section B.5 is replaced in its entirety with the following to reflect the provisional increase:

"B.5 ESTIMATED COST AND AWARD FEE (NASA 1852.216-85)(SEPTEMBER 1993)

The estimated cost of Annexes 1-5 and 8-12 is \$60,185,353. The maximum available award fee, excluding base fee, if any, is \$1,523,376. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are \$61,708,729."

B. Contract Value Recapitulation – Cost Reimbursable:

	Estimated Cost	Award Fee	Total
Prior Contract Value:	\$48,907,639.00	\$1,523,376.00	\$50,431,015.00
This Modification:	\$11,277,714.00	\$0.00	\$11,277,714.00
Revised Contract Value:	\$60,185,353.00	\$1,523,376.00	\$61,708,729.00

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO 948		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	
CODE		BJ3/T40		CODE	
281-483-4214/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)

DynCorp Technical Services, LLC
Attn: DYNCOSS/Michael D. Dallas, Program Manager
2101 NASA Parkway
Houston, TX 77058

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$3,808,720.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(X)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paving office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

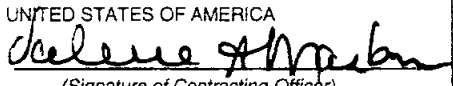
14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$3,808,720.00 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 11/19/03

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2068-1 is \$17,067,085.23 as of November 07, 2003.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$18,127,526.10."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$1,342,117.00. The maximum available award fee, excluding base fee, if any, is \$53,683.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$1,536,200.00. This allotment covers Task Orders 800 through 1200-19 as of October 20, 2003.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$1,705,076.09. An additional amount of \$55,620.00 is obligated under this contract for payment of fee, for a total of \$1,760,696.09."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$48,907,639.80. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through January 31, 2004.

(b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee.
(End of clause)"

D. Section H.3 is replaced in its entirety with the following:

**"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)**

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$6,036,444.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$17,781,700.10
This Action	\$346,194.00
	-\$4,000.00*Transfer to Annex 13 from PR#4200010761
	-\$1,000.00*Transfer to Annex 13 from PR#02344EC1
	<u>\$4,632.00</u> *Transfer from Annex 13
New Obligation	\$18,127,526.10

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$1,584,797.09	\$55,620.00	\$1,640,417.09
This Action	\$119,911.00	\$0.00	\$119,911.00
	\$4,000.00	\$0.00	\$4,000.00*Transfer from Annex 6
	\$1,000.00	\$0.00	\$1,000.00*Transfer from Annex 6
	<u>-\$4,632.00</u>	<u>\$0.00</u>	<u>-\$4,632.00</u> *Transfer to Annex 6 from PR#4200012901
New Obligation	\$1,705,076.09	\$55,620.00	\$1,760,696.09

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$45,605,024.80	\$1,771,282.73	\$47,376,307.53
This Action	<u>\$3,302,615.00</u>	<u>\$0.00</u>	<u>\$3,302,615.00</u>
New Obligation	\$48,907,639.80	\$1,771,282.73	\$50,678,922.53

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$5,996,444.36
This Action	<u>\$40,000.00</u>
New Obligation	\$6,036,444.36

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$744,142.97
This Action	<u>\$0.00</u>
New Obligation	\$744,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$71,712,109.32	\$1,826,902.73	\$73,539,012.05
This Action	<u>\$3,808,720.00</u>	<u>\$0.00</u>	<u>\$3,808,720.00</u>
New Obligation	\$75,520,829.32	\$1,826,902.73	\$77,347,732.05

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 946		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)					
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Parkway Houston, TX 77058		CODE BJ3/T40		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
281-483-4214/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$1,590,348.92

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(X)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$1,590,348.92 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Valerie A. Marburger</u> (Signature of Contracting Officer)	16C. DATE SIGNED 9/25/03

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2040 is \$14,578,332.03 as of September 23, 2003.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$17,781,700.10."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$1,195,353.00. The maximum available award fee, excluding base fee, if any, is \$47,813.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$1,383,566.00. This allotment covers Task Orders 800 through 1232-5 as of September 25, 2003.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$1,584,797.09. An additional amount of \$55,620.00 is obligated under this contract for payment of fee, for a total of \$1,640,417.09."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$45,605,024.80. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through October 01, 2003.

(b) An additional amount of \$1,771,282.73 is obligated under this contract for payment of fee.
(End of clause)"

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200034104	\$1,004,082.92			
4200033846	\$1,266.00			
		<u>Estimated Costs</u>	<u>Award Fee</u>	<u>Total</u>
TOTAL	\$1,005,348.92	\$966,681.65	\$38,667.27	\$1,005,348.92

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200034120	\$497,250.00
TOTAL	\$497,250.00

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200034120	\$84,375.00	\$3,375.00	\$87,750.00
	\$84,375.00	\$3,375.00	\$87,750.00

TOTAL	\$1,590,348.92
--------------	-----------------------

COST REIMBURSABLE

<u>PR#</u>	<u>\$ AMOUNT</u>			
4200034104	\$1,004,082.92			
4200033846	\$1,266.00			
		<u>Estimated Costs</u>	<u>Award Fee</u>	<u>Total</u>
TOTAL	\$1,005,348.92	\$966,681.65	\$38,667.27	\$1,005,348.92

ANNEX 6

<u>PR#</u>	<u>\$ AMOUNT</u>
4200034120	\$497,250.00
TOTAL	\$497,250.00

ANNEX 13

<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200034120	\$84,375.00	\$3,375.00	\$87,750.00
	\$84,375.00	\$3,375.00	\$87,750.00

TOTAL	\$1,590,348.92
--------------	-----------------------

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$17,284,450.10
This Action	<u>\$497,250.00</u>
New Obligation	\$17,781,700.10

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$1,500,422.09	\$52,245.00	\$1,552,667.09
This Action	<u>\$84,375.00</u>	<u>\$3,375.00</u>	<u>\$87,750.00</u>
New Obligation	\$1,584,797.09	\$55,620.00	\$1,640,417.09

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$44,638,343.15	\$1,732,615.46	\$46,370,958.61
This Action	<u>\$966,681.65</u>	<u>\$38,667.27</u>	<u>\$1,005,348.92</u>
New Obligation	\$45,605,024.80	\$1,771,282.73	\$47,376,307.53

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$5,996,444.36
This Action	<u>\$0.00</u>
New Obligation	\$5,996,444.36

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$744,142.97
This Action	<u>\$0.00</u>
New Obligation	\$744,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$70,163,802.67	\$1,784,860.46	\$71,948,663.13
This Action	<u>\$1,548,306.65</u>	<u>\$42,042.27</u>	<u>\$1,590,348.92</u>
New Obligation	\$71,712,109.32	\$1,826,902.73	\$73,539,012.05

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. 945		3. EFFECTIVE DATE Same as Block 16c BJ3/T40		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
CODE		281-483-4214/34173 (fax)		CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)

DynCorp Technical Services, LLC
Attn: DYNCOSS/Michael D. Dallas, Program Manager
2101 NASA Parkway
Houston, TX 77058

CODE		FACILITY CODE	
(x)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$6,228,590.86

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$6,228,590.86 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Valerie A. Marburger</u> (Signature of Contracting Officer)	16C. DATE SIGNED 9/18/03

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 2027 is \$13,873,092.03 as of September 15, 2003.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$17,284,450.10."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$1,159,260.00. The maximum available award fee, excluding base fee, if any, is \$46,369.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$1,346,029.00. This allotment covers Task Orders 800 through 822-1 as of September 05, 2003.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$1,500,422.09. An additional amount of \$52,245.00 is obligated under this contract for payment of fee, for a total of \$1,552,667.09."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$44,638,343.15. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through October 01, 2003.

(b) An additional amount of \$1,732,615.46 is obligated under this contract for payment of fee.
(End of clause)"

D. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

(a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$744,142.97. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through December 31, 2003."

E. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$5,996,444.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

COST REIMBURSABLE

<u>PR#</u>	<u>\$ AMOUNT</u>			
4200030917	\$9,442.04			
4200031199	\$3,086,858.85			
		Estimated Costs	Award Fee	Total
TOTAL	\$3,096,300.89	\$2,977,212.39	\$119,088.50	\$3,096,300.89

FIXED PRICE

<u>PR#</u>	<u>\$ AMOUNT</u>
4200030904	\$1,112,186.00
TOTAL	\$1,112,186.00

ANNEX 6

<u>PR#</u>	<u>\$ AMOUNT</u>
4200028343	\$193,210.00
4200031139	\$316,251.00
4200031499	\$1,350,000.00
TOTAL	\$1,859,461.00

ANNEX 13

<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200031139	\$23,456.00	\$0.00	\$23,456.00
4200032250	\$75,957.00	\$0.00	\$75,957.00
4200029338	\$100,087.00	\$0.00	\$100,087.00
	\$199,500.00	\$0.00	\$199,500.00

Supply

<u>PR#</u>	<u>EST COST</u>
4200031199	\$142.97
	\$142.97

TOTAL \$6,267,590.86

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$15,463,989.10
This Action	\$1,859,461.00
	<u>(\$39,000.00)</u> *Note: Subtraction due to the correction of double-booking \$39,000 in Mod 932.
New Obligation	\$17,284,450.10

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$1,300,922.09	\$52,245.00	\$1,353,167.09
This Action	<u>\$199,500.00</u>	<u>\$0.00</u>	<u>\$199,500.00</u>
New Obligation	\$1,500,422.09	\$52,245.00	\$1,552,667.09

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$41,661,130.76	\$1,613,526.96	\$43,274,657.72
This Action	<u>\$2,977,212.39</u>	<u>\$119,088.50</u>	<u>\$3,096,300.89</u>
New Obligation	\$44,638,343.15	\$1,732,615.46	\$46,370,958.61

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$4,884,258.36
This Action	<u>\$1,112,186.00</u>
New Obligation	\$5,996,444.36

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$744,000.00
This Action	<u>\$142.97</u>
New Obligation	\$744,142.97

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$64,054,300.31	\$1,665,771.96	\$65,720,072.27
This Action	<u>\$6,109,502.36</u>	<u>\$119,088.50</u>	<u>\$6,228,590.86</u>
New Obligation	\$70,163,802.67	\$1,784,860.46	\$71,948,663.13

Note: Manually change the "prior obligations" before making any changes.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 944		3. EFFECTIVE DATE Same as Block 16c BJ3/T57		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058 281-244-2492/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)

DynCorp Technical Services, LLC
Attn: DYNCOSS/Michael D. Dallas, Program Manager
2101 NASA Parkway
Houston, TX 77058

CODE (X)		FACILITY CODE	
9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056		10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

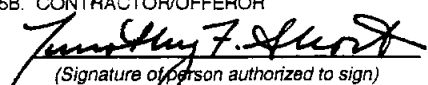
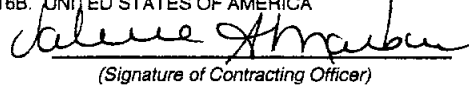
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.	
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).	
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	
d. OTHER (Specify type of modification and authority) X Mutual Agreement of the Parties	

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate the new NFS 1852.245-73 into Section G of the Contract as shown on Page 2.
The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Timothy F. Short, Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	
15C. DATE SIGNED 9/16/03		16C. DATE SIGNED 9/16/03	

From
G.1 II.

To
G.1 II.

Remarks
Make the following changes to 1852.245-73:

1852.245-73	AUG 2001 (DEVIATION)	FINANCIAL REPORTING OF NASA PROPERTY IN THE CUSTODY OF CONTRACTORS (In paragraph (b)(3), the NASA office for receipt of the NF1018 is: JB3/ PROPERTY AND EQUIPMENT BRANCH)
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 29	
2. AMENDMENT/MODIFICATION NO. 943		3. EFFECTIVE DATE Same as Block 16c BJ3/T57		4. REQUISITION/PURCHASE REQ. NO. N/A	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	
CODE		CODE			
281-244-2492/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
d. OTHER (Specify type of modification and authority) X Mutual Agreement of the Parties

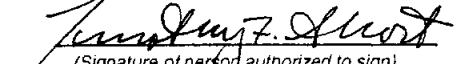
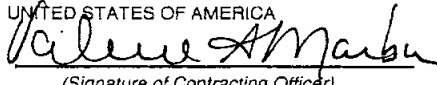
E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to increase the cost reimbursable contract value for the equitable adjustment for CMMS in Annex 8 and the addition of the Passenger Van Services in Annex 12.

The conformed copy in SPICE contains the full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Timothy F. Short, Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 9/26/03	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 9/26/03

14. Continued

A. Section B is modified to increase the contract value for the base period as follows:

From	To	Remarks
\$48,815,602	\$48,907,639	Modify Section B.5 to increase the estimated cost of Annexes 1-5 and 8-12 by \$92,037
\$1,519,695	\$1,523,377	Modify Section B.5 to increase the maximum award fee by \$3,681
\$50,335,297	\$50,431,016	Modify Section B.5 to increase the total estimated cost, base fee, and maximum award fee by \$95,718

B. Section C is modified by the insertion of a new Annex 12. A summary of Annex 12 changes are also enclosed.

C. Section F is modified to increase the contract value for the option periods as follows:

From	To	Remarks
\$73,471,462	\$73,705,531	Modify Section F.5 Option 1, Paragraph 2, to increase the estimated cost of Annexes 1-5 and 8-12 by \$234,069
\$2,284,937	\$2,294,300	Modify Section F.5 Option 1, Paragraph 2, to increase the maximum award fee by \$9,362
\$98,840,212	\$99,220,639	Modify Section F.5 Option 2, Paragraph 2, to increase estimated cost of Annexes 1-5 and 8-12 by \$380,427
\$3,071,693	\$3,086,910	Modify Section F.5 Option 2, Paragraph 2, to increase the maximum award fee by \$15,216
\$125,220,794	\$125,752,032	Modify Section F.5 Option 3, Paragraph 2, to increase the estimated cost of Annexes 1-5 and 8-12 by \$531,238
\$3,892,643	\$3,913,892	Modify Section F.5 Option 3, Paragraph 2, to increase the maximum award fee by \$21,248

D. Section H.1 II is modified to add the following clause:

1852.223-76 JUL 2003 FEDERAL AUTOMOTIVE STATISTICAL TOOL (FAST) REPORTING

E. Section I.1 is modified to add the following clauses:

52.228-7 MAR 1996 INSURANCE—LIABILITY TO THIRD PERSONS
52.251-2 JAN 1991 INTERAGENCY FLEET MANAGEMENT SYSTEM (IFMS)
VEHICLES AND RELATED SERVICES

Summary of Annex 12 Statement of Work Changes

12.1.8	Driver Services and Vehicle Operations.....	Added words "passenger van service" to description of "Driver Service and Vehicle Operations"
12.1.8.1	Hours of Operation.....	Added Passenger Van Service hours of operation as well as driver services outside hours of operation to include "holidays; before and after core hours; and weekends". Added language to exclude passenger van service during holidays recognized by NASA.
12.2.5	Personnel Requirements	Added "365 days" to Workload Data to reflect what is already in Sec J-G.
12.3.2	Prepare Shipments – Hazardous Shipments	Changed Workload Data to "225 shipments" to reflect what is already in Sec J-G.
12.3.5	Personnel Requirements	Changed Workload Data to "365 days" to reflect what is already in Sec J-G.
12.4.3	Lifting Equipment Listing	Added "365 days" to reflect what is already in Sec J-G.
12.4.4	Personnel Requirements	Added "365 days" to reflect what is already in Sec J-G.
12.5	Entire section.....	Mass global replacing of the words "shuttle" with "passenger van", when applicable.
12.5.2.	Vehicle Drivers.....	Deleted the "a" for first paragraph. Also deleted the entire paragraph "b" and relocated this information to the reports section (12.5.5.11). Add "Note: to include complying with the American Disabilities Act (ADA)" using JSC vehicles already equipped to comply with ADA.
12.5.2.1	Passenger Van Service.....	Vans are now Govt. provided. In an effort to avoid another mod when/if the quantity of routes could potentially change, we also deleted the quantity associated with how many passenger van routes. Moved the hours of operation to the appropriate location (12.1.8.1). Added bicycle rack requirement to vehicles. Color of NASA-blue (PMS 286) added per Legal Office recommendation. Added paragraph letters (a, b, c, etc.) for purposes of clarity. Added the requirement to turn lost-and-found items to building 110 Security per Legal Office direction. When referencing the passenger van service, change shuttle to "van" for purposes of clarification (i.e. shuttle could be associated with the NASA STS-shuttle flights). Changed requirement from 15-passenger van to 12-passenger van. (d) Delete sentence "Provide all van consumables" because GSA already charges this in their monthly lease fee. (f) Language added to ensure compliance to the Presidential E.O. 13149. (g) added language reference to replacement vehicles. (h) Added language reference to passenger van service not required to be ADA compliant.
12.5.3	Vehicle Administrative Operations.....	Deleted the word "Houston". Changed workload data to "365 days" to reflect what is already in Sec J-G.
12.5.3.1	Vehicle Keys.....	Deleted the word "Houston".
12.5.3.2	Vehicle Credit Cards.....	Deleted the word "Houston".
12.5.3.3	Report of Accidents.....	Deleted the words "Kansas City, Missouri"
12.5.3.5	Daily Vehicle Dispatch Information.....	Updated requirement releasing COSS of the responsibility to contact each organization when information was not provided by the 15 th of each month. Instead COSS will provide the TMR a list of the organizations that fail to comply with this requirement. The TMR will take appropriate action. Added definition for "pool" vehicles, which reduced the quantity requirement.

Summary of Annex 12 Statement of Work Changes

12.5.3.6	Vehicle Support.....	Added paragraph letters (a, b) for purposes of clarity. Added "365 days" to workload data to reflect what is already in Sec J-G.
12.5.3.7	Full-Time Vehicles.....	Deleted the word "Houston". Realign requirements to satisfy OMB, EPACT, and E.O. 13149.
12.5.3.9	Vehicle Preventive Maintenance.....	Deleted the word "Houston".
12.5.3.11	Vehicle Emissions Inspections.....	Report due date changed. Deleted the word "Houston". Changed accomplished dates on "NOTE" from "November and December" to "October and November."
12.5.5.1	JSC Vehicle Mileage Report.....	Report due date changed. Also data collection is more automated by using GSA reports carry-out versus manual process. Changed "NOTE" from "275 vehicles" per month to "125 vehicles" per month.
12.5.5.2	Federal Automotive Statistical Tool (FAST) Report.....	Report due date changed.
12.5.5.4	Alternative Fuel Vehicle Acquisition Report.....	Report due date changed.
12.5.5.5	Agency Reporting of Motor Vehicle Data for Budget Submission Report, Office of Management and Budget (OMB) Report.....	Report due date changed.
12.5.5.6	General Purpose Vehicle Accident Report.....	Report due date changed.
12.5.5.8	Vehicle Cost Per Mile Metrics Report.....	Report due date changed from Quarterly to Annually.
12.5.5.9	Vehicle Fleet Mileage Express Report	Report due date changed.
12.5.5.10	IPAC Report.....	Report due date changed and title of Program.
12.5.5.11	Vehicle Statistical Report.....	Report due date changed.
12.5.5.13	Driver Services and Passenger Van Reports.....	Added Reporting requirement associated with Passenger Van Service.

**ANNEX 12
TRANSPORTATION
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12.1.2	Background.....	C12, 1	12.5.2.1	Passenger Van Service	C12, 8
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ANNEX 12
TRANSPORTATION

12 **TRANSPORTATION**

12.1 **General Information**

12.1.1 Annex Description

This annex describes the responsibilities for Moving and Hauling, Packing and Shipping, Rigging and Heavy Hauling, Driver Services, and Receive/Deliver Inbound Freight. It is the Contractor's benefit to purchase pallets from a vendor who sells recycled pallets and who will remove the Contractor's unserviceable pallets.

12.1.2 Background

All equipment and vehicles necessary to accomplish the work required will be the responsibility of the Contractor. Contractor employee's private vehicles will not be used to transport Government property and supplies.

12.1.3 Location of Services

Transportation services are primarily performed at ***JSC**, with minimal activity at other specified locations within a 50 mile radius.

12.1.4 Hours of Operation

Hours of operation for this annex are from 7:30 a.m. to 4:00 p.m. Monday through Friday, except as otherwise specified.

12.1.5 **Moving and Hauling Services**

These Contract requirements identify moving and hauling, nitrogen delivery and quick dispatch services. Moving and hauling services include, but are not limited to: loading, unloading, transportation and arrangement of items. See ****Historical Workload Data for General Transportation Work Requests**.

12.1.5.1 Hours of Operation

There will be times when moving and hauling services are requested outside hours of operation.

12.1.5.2 Location of Services

Moving and hauling work performed outside of ***JSC** is covered under 12.3.4 Nitrogen delivery services are performed at, but not limited to, Buildings 7, 9, 13, 15, 31, 36, 260, 350, 352, 343, 354 and 356. Building 222 lab requires high-pressure gaseous nitrogen.

12.1.5.3 Limitations, Restrictions, or Other Exceptions

All moving and hauling service requests are referred by the Transportation ***TMR**.

12.1.6 **Packing and Shipping Service**

These Contract requirements identify the duties and responsibilities for providing a complete Packing and Shipping Service.

NOTE: Actual shipping cost is not at the Contractor's expense. The Government is responsible for selecting the mode of shipment, selecting the carrier, and preparing the appropriate bill of lading. Close coordination shall be maintained between the Government and the Contractor to ensure the most economical mode of transportation can be utilized and still meet the "Date Required Destination" on the shipping document.

For this annex only, a "Shipping Document" is defined as ****JSC Form 290, Shipping Document, **JSC Form 195, Request For Shipment Of Printed Matter,**** or an appropriate shipping document recognized by the Government. Additionally, "Ship" is defined as scheduling the pickup with the carrier identified and loading the transport vehicle. **** A 6-month historical listing of shipments** is available for review in the TRL.

12.1.6.1 Hours of Operations

a.) In addition to the stated (CLIN 12.1.4) packing and shipping hours of operation, skeleton service will be provided until 5:00 p.m. to service late shipments and carriers.

NOTE: Skeleton service means, one Contractor individual in the Packing and Shipping Department shall work Monday through Friday 8:30 a.m. to 5:00 p.m.

b.) On occasion, the Contractor will be required to provide overtime packing and shipping support.

NOTE: The average monthly overtime requirement is 18 hours.

12.1.6.2 Location of Services

The Contractor is responsible for packing, preparing and shipping all Government equipment, materials, items, and other forms of Government property from the ***JSC** and other specified locations within a 50-mile radius. The Contractor shall make shipments to domestic and international destinations as required by the Government.

12.1.7 **Rigging and Heavy Hauling Service**

These Contract requirements identify the responsibilities for rigging and heavy hauling services.

Constant radio communication amongst the Contractor staff must be maintained during rigging and heavy hauling jobs.

For each shuttle mission, a Mission Fact Sheet will be provided to the Contractor that lists the critical buildings and areas as well as other information. The time frame for submission of request to enter listed buildings is from launch, minus 7 days to landing plus 4 hours.

Definitions associated only with this annex are:

ANNEX 12 TRANSPORTATION

Work Order: Any and all work requested by the customer that is required to complete a task at the designated location(s).

Priority 1 Work Order: Rigging support required to prevent bodily harm to an individual or to prevent further damage to NASA/JSC or Contractor equipment, test facility or building with the response time to be 15 minutes or less.

Priority 2 Work Order: Rigging support to be performed that is requested by the customer for a task that must be accomplished in less than 2 ***workdays**.

General Work Order: Rigging support to be performed when no specific time is requested by the customer where the contractor has up to 2 full ***workdays** from notification.

The Contractor's responsibilities will range from routine to highly critical in nature. See ****3 Year Historical Listing of Rigging and Heavy Hauling Work Performed** for JSC.

12.1.7.1 Hours of Operation

Personnel and equipment for rigging and heavy hauling jobs outside hours of operation, weekend, and holiday operations may be required to meet NASA's mission objectives.

12.1.8 Driver Services and Vehicle Operations

These Contractors requirements identify the responsibilities for driver services and vehicle operations. Upon Government request that additional driver services shall be provided to support shuttle launches and landings, astronaut candidates, official visitors, Passenger Van Service, and other passenger transportation requirements.

12.1.8.1 Hours of Operation

Hours of operation for driver services and vehicle operations are from 7:30 a.m. to 4:00 p.m. Monday through Friday. Passenger Van Service hours of operation are from 6:30 a.m. to 5:00 p.m. Monday through Friday, excluding holidays recognized by NASA.

There will be times when the Contractor shall provide driver services outside hours of operation as requested by the Government which shall include, but not be limited to: holidays; before and after core hours; and weekends

12.1.9 Receive/Deliver Inbound Freight

These Contractors requirements identify the functions necessary to receive, inspect, and deliver inbound freight. Contractor personnel knowledgeable in the receipt, inspection, and delivery of Government freight shall be provided for this function. See Chart 12.6-1, Receive/Deliver Inbound Freight Process.

The bondroom, the receiving area, and the supply and critical spare warehouse are currently located in building 421. There are other bondrooms located at JSC.

12.1.9.1 Hours of Operation

There will be times when inbound freight service is requested for outside hours of operation.

12.1.9.2 Definitions:

Priority - For the purpose of this annex, "priority" is defined as inbound shipments for which premium transportation was requested and provided, such as exclusive use, priority, overnight, or next day. United Parcel Service (UPS) Red service is included in this category, plus any shipment determined by the Transportation ***TMR** as being priority. Shipments clearly marked as bids, payroll, Experiment Ground Support Equipment (EGSE), or travel must also be delivered as priority (unless work stoppage is requested).

Priority Items - For the purpose of this annex, "priority items" are defined as inbound shipments for which premium transportation was requested and provided. They are to be entered into the inbound freight database with a "P" code, and delivered in accordance with performance requirements indicated in 12.6.1.c.

Shipment - For the purpose of this annex, "shipment," is defined as any item delivered or consigned to NASA Johnson Space Center by any mode of transportation. This includes, but is not limited to freight carriers, contractors, and vendors. A shipment may consist of one package, multiple packages, or multiple loose pieces.

See ****Quarterly Shipment History**.

Work Stoppage - For the purpose of this annex, "work stoppage" is defined as an inbound shipment for which the customer has indicated either verbally or in writing that it is critical that the shipment must be received and delivered to the customer within a shorter timeframe than normally required (see 12.6.1c Delivery of Inbound Freight).

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.2	MOVING AND HAULING SERVICES			
12.2.1	General Transportation Services Provide for the transportation of items.	Provide all personnel and equipment for the transportation of items on date(s) requested. If no date requested, complete within 5 days with minimal impact to personnel. Examples of items to be moved include, but are not limited to: furniture, boxes, equipment, machinery, metal, lumber, packages, parking stands, etc. Move any items necessary to complete work. Ensure items being moved and surrounding areas are protected against damage.	4,000 work requests.	Requests completed accurately, on time with no damage or customer complaints.
12.2.2	Personnel Moves Provide for the movement of personnel.	Receive **JSC Form 174, Request for Move , from Transportation TMR and complete on date(s) scheduled with minimal impact to personnel. Move all items as listed on the **JSC Form 174, Request for Move including, but not limited to, furniture, boxes, equipment, etc. Ensure items being moved and surrounding areas are protected from damage. Provide a customer-signed and dated copy of move paperwork to Transportation *TMR within 5 days of completion of move. a. During hours of operation moves b. Outside hours of operation moves	1,300 people 100 people	Personnel moves completed accurately, on time with no damage or customer complaints.
12.2.3	Quick Dispatch Provide rapid transportation of items.	Provide a radio-equipped on-call quick dispatch service for rapid pick up and delivery of non-bulk items including, but not limited to: boxes, documentation, envelopes, equipment, etc. Pick up items from customer location and deliver to identified destination within 2 hours of receipt of request.	3,000 requests.	Quick dispatch requests completed accurately and on time.
12.2.4	Nitrogen Delivery Provide delivery of nitrogen.	Deliver liquefied nitrogen and recharge tube trailers within 4 hours of request and gaseous nitrogen within 8 hours of request. Coordinate deliveries with appropriate Facility Managers. Keep a log of location and quantity of deliveries, delivery of nitrogen to tanks/dewars, and re-charging gaseous Nitrogen Tube Trailers. NOTE: The average delivery is approximately 1,500 gallons. Tanks range from approximately 600 to 1600 gallons in size.	283,000 gallons.	Nitrogen is delivered accurately and on time.
12.2.5	Personnel Requirements Provide licensed nitrogen delivery personnel.	Nitrogen delivery personnel must have a Commercial Driver's License and be Cryovac Mechanic certified prior to delivery.	365 days	All personnel have certification or current commercial drivers license.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.3	PACKING AND SHIPPING SERVICE			
12.3.1	Packing and Shipping Service Provide Packing and Shipping services	<p>Receive all equipment and materials for shipment from the customer. Inspect all equipment, materials, and items and ensure that all NASA Control Numbers, part numbers, serial numbers, and other identification numbers correspond with the shipping document.</p> <p>Provide all packaging materials and pack, mark, label, and crate in accordance with applicable Military/Federal standards and specifications, local and state regulations and NASA Directives including, but not limited to: **NPG 6000.1, Requirements For Packaging, Handling, and Transportation For Aeronautical and Space Systems, Equipment, and Associated Components, **NPG 6200.1 NASA Transportation and General Traffic Management and commercial standards. Label packages as appropriate (NASA Critical Space Item, Fragile, Magnetic Tape, Handle With Care, etc.).</p> <p>Prepare a **JSC Form 105, Packing List as appropriate. The packing list shall contain, but not be limited to: voucher number or equivalent, package number, type of package, packing code, invoice or serial number, item number, quantity, description, package dimensions, package cube (feet), and package weight (pounds).</p> <p>Load, secure and obtain proper receipt of all shipments tendered to carriers shipped from *JSC.</p> <p>The Contractor will conduct scheduled runs between the Packing and Shipping Department and the Transportation *TMR to drop off/pickup-shipping documents.</p> <p>NOTE: There are approximately 7 runs per day, but they may increase/decrease based on workload.</p> <p>Maintain a daily Outbound Shipment and Detention Log and provide the log to the Transportation *TMR for review upon request. This log shall include, but not be limited to: date issued, date shipping document received, required due date if stated, date processed, date shipped, carrier and mode, carrier arrival date and time, loading time started, load completion time, freight bill number, voucher number, Government Bill of Lading (GBL) if provided, number of pieces and weight of the shipment, shipment destination, detention, and reason for detention.</p>	See below	See below
				Accurate and current within one day.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.3.2	Prepare Shipments Package, prepare, and ship routine, priority and hazardous shipments	<u>Routine Shipments</u> : Pickup shipments from customer's locations if requested and properly package and prepare all routine shipments within 4 *workdays of receipt. Routine shipments are those shipments that do not have a "Date Required Destination" stated on the shipping document. Ensure appropriate protection of the shipment during handling and transport.	4,500 shipments	Safely, no damage, accurately and on time.
		<u>Priority Shipments</u> : Pickup shipments from customer's locations if requested and properly package and prepare priority shipments to meet the "Date Required Destination" stated on the shipping document. Ensure appropriate protection of the shipment during handling and transport.	6,500 shipments	Safely, no damage, accurately and on time.
		<u>Hazardous Shipments</u> : Pickup shipments from customer's locations if requested and properly package and prepare hazardous materials for shipment. Ensure that all shipments are packed, marked, labeled, and documented in accordance with the applicable domestic or international hazardous materials regulations. Prepare a **Hazardous Materials Packaging Checklist, JSC Form 582 (for air transportation) or **JSC Form 582A (for surface transportation), for each hazard being shipped. Ensure appropriate protection of the shipment during handling and transport.	225 shipments	Safely, no damage, accurately and on time.
12.3.3	Vehicle Load Plans Prepare vehicle load plans	Prepare load plans for all full vehicle loads and over-dimensional loads. The load plan shall include, but not be limited to: a diagram that shows the planned location of the freight, dimensions, weight, tarps if required, and type of support needed to accomplish the load (rigging, forklift). Load plans shall accurately describe the location of the freight on the transport vehicle and any special information that the Transportation *TMR may need to route the freight and select a carrier (handling, equipment, etc.).	25 loads	Load plans prepared accurately and on time.
12.3.4	Delivery To/From Offsite Locations Deliver outbound and inbound shipments	Provide transportation and delivery service for outbound and inbound shipments to/from offsite locations within a 50 mile radius of **JSC . Obtain the consignee's signature and current date on the associated delivery document. Schedule and transport without incident of damage in accordance with the date required at the destination on the request. Ensure appropriate protection of the shipment during handling and transportation. Requests for delivery may include but are not limited to the **JSC Form 290, Shipping Document, ** JSC Form 195, Request for Shipment Of Printed Matter** DD 1149, Requisition and Invoice/Shipping Document or e-mail delivery requests from the Government. NOTE: The size of these shipments is generally small enough for 1 or 2 people to handle.	300 shipments	Safely, no damage, accurately and on time.
12.3.5	Personnel Requirements	Provide personnel who meet the following education or experience criteria.	365 days	

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.3.5.1	Packaging Personnel Provide qualified packing and shipping personnel	<u>General Packaging Personnel:</u> Provide personnel who have a minimum of 2 years experience in commercial freight packaging for all modes of transport. Provide documented evidence of personnel experience.	Contractor determined	Personnel training and compliance records accurate and up to date.
		<u>Hazardous Material Personnel:</u> Ensure that only personnel trained in accordance with Subpart H of Part 172 in Title 49, Code of Federal Regulations (CFR) prepare shipments containing hazardous materials. Only these personnel shall be authorized to sign the Shippers Certification or Shippers Declaration. Submit copies of hazardous material training certificates to the Transportation *TMR as they are updated.	Contractor determined	Personnel training and compliance records accurate and up to date.
12.3.6	Records, Reports, and Submittals	See CLIN 1.1.4	See below	See below
12.3.6.1	Monthly Production Report Prepare a monthly production report	Prepare a Monthly Production Report that reflects the number of routine, priority and hazardous material shipments. It must also include, but not be limited to: the number of vehicle load plans, the number of pickups and the number of deliveries to/from offsite locations. Provide the report to the Transportation *TMR by the end of core duty hours on the 2nd *workday of each month.	12 reports	Report submitted accurately and on time.
12.4	RIGGING AND HEAVY HAULING SERVICE			
12.4.1	Rigging Support Provide rigging and heavy hauling services to safely move all articles	a) Provide support for Priority 1 Work Order	5 priority 1	Accurate, on time, and safely.
		b) Provide support for Priority 2 Work Order	300 priority 2	Accurate, on time, and safely.
		c) Provide support for General Work Order	400 general	Accurate, on time, and safely.
		Before each work order is accomplished the Contractor must accurately verify the following requirements necessary to accomplish the work: 1) description of the task 2) location where the task is to be performed 3) whether lift is critical or non-critical 4) characteristics of the items to be moved or lifted (such as weight or dimensions) 5) any facility restrictions that may be in effect 6) points of contact of organization requesting work		

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>7) time frame to complete task</p> <p>Provide lift plans in accordance with **JPG 1700.1H, JSC Safety & Health Handbook, **NSS/GO 1740.9, NASA Safety Standard for Lifting Devices and Equipment, and **JSC 28070, JSC Certification Guide.</p> <p>NOTE: Critical lifts are defined in **NSS/GO 1740.9.</p> <p>Coordinate civilian police escorts when required by City, County, State, or NASA organizations. Coordinate JSC Security when hauling oversize loads to and from *JSC. Secure all permits necessary for oversize loads when required by City, County, and State in sufficient time to preclude delays.</p> <p>Survey route before hauling oversize or overweight loads to ensure overhead clearance from traffic and electrical lines. If clearance is not sufficient, coordinate to have support required to accomplish this task. Provide this information to the Transportation *TMR 5 days prior to the scheduled move date, unless a fewer number of calendar days is agreed on by both the Contractor and the Transportation *TMR.</p> <p>Provide assistance in the assembly and disassembly, installation and dismantling, placement, and removal of equipment to include the installing and removal of fasteners (bolts, screws, etc.) when requested by customer.</p>		
12.4.2	<p>Load Tests</p> <p>Provide proof load tests, rated load tests, and operational tests.</p>	<p>Comply with the **NSS/GO 1740.9, NASA Safety Standard for Lifting Devices and Equipment, **JSC 28070, JSC Certification Guide, and **JPG 1700.1H, JSC Safety & Health Handbook.</p> <p>a) Complete load tests at customer's request for Priority 2 support.</p> <p>b) Schedule and complete load tests for general support.</p>	<p>200 tests</p> <p>400 tests</p>	<p>On time and safely.</p> <p>On time and safely.</p>
12.4.3	<p>Lifting Equipment Listing</p> <p>Maintain spreadsheet of lifting equipment.</p>	<p>Maintain a spreadsheet of all Government-owned material lifting and handling equipment and lifting components certified for material lifting and handling.</p>	<p>1 spreadsheet</p> <p>365 days</p>	<p>Maintain accurately and up to date.</p>
12.4.4	<p>Personnel Requirements</p> <p>Provide personnel that meet the requirements set forth.</p>	<p>Provide operating engineers (crane operators) with 5 years of recent continuing experience and a record of safety in the operations of mobile and fixed cranes. Provide truck drivers with 5 years recent continuing experience driving tractor-trailer rigs and other smaller trucks and a driving record free of major offenses for the past 3 years. Provide riggers (oiler, flagman, etc.) with 5 years recent experience in performing rigging duties. (See CLIN 1.13.4)</p>	<p>365 days</p>	

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.5	DRIVER SERVICES AND VEHICLE OPERATIONS			
12.5.1	Driver Services Provide driver services	Provide driver services to support JSC in the movement of personnel.	See below.	Safe, on time, and courteous service.
12.5.2	Vehicle Drivers Provide drivers to operate Government vehicles	Provide drivers on an as-needed basis to drive buses, sedans, station wagons, vans, pickup trucks, and other such vehicles provided by the Government when required to support special request requirements of JSC. Times and dates of pick up, number of passengers, identified route(s), and point-of-contact will be provided to the Contractor. Be at the identified location 10 minutes prior to the time requested by the customer. Assure that the vehicle to be used is cleaned, inside and out, and the gasoline, oil, fluid levels, and tires are serviced prior to use. Note: Service includes complying with the American Disabilities Act (ADA), when necessary, and using JSC vehicles already ADA equipped.	500 requests	Safe, on time, and courteous service
12.5.2.1	Passenger Van Service Provide scheduled Passenger Van Service.	a. Provide two, white 12-passenger vans and two drivers to transport personnel on the JSC identified Passenger Van Service routes. Provide continuous and uninterrupted Passenger Van Service. b. Maintain and update the JSC Passenger Van Service Route Schedule spreadsheet and provide to *TMR as changes occur. Be at the scheduled pick-up point within 5 minutes of the time specified on the route schedule.	Passenger Van Service routes	Safe, on time, and courteous service.
		c. The vehicles shall have a mounted bicycle rack on each. The vehicles shall be marked on each side with a magnetic sign with route information provided by the Government. These contractor-provided signs shall be NASA-blue (PMS 286) with white lettering and shall be large enough to read from 30 feet away. One contractor-provided "Badge Required" sign shall be affixed to the inside window of each vehicle.	See above	Requirements are correctly followed.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
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d. Ensure that all passengers display their JSC or NASA contractor badge before boarding the vehicle. Ensure that all passengers have their seatbelt on and buckled before moving. Prior to each driver's shift, clean the inside of each van, fuel each van, and check the fluid levels and tires and service each accordingly. Clean the vans' exterior as required or when designated by the Government. Deliver the vehicles for any maintenance or service to be performed with minimum impact to the existing routes.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>e. Turn over any articles found in the vehicles to the Driver Services supervisor. The supervisor shall try to locate the owner of the article. If no owner is found, the article shall be turned in to the Security Office's lost-and-found in Building 110 until claimed by the owner.</p> <p>f. In accordance with Part 5 Section 505 of E.O. 13149; all Government-owned contractor-operated vehicles shall comply with all applicable goals and other requirements of this order. Contractors who lease vehicles through the Interagency Fleet Management System (IFMS) are leasing vehicles controlled by a governmental entity, GSA. In order to assure compliance, Contractors that operate Government-owned vehicles shall adopt the National Aeronautics and Space Administration (NASA), compliance strategy. This strategy describes the steps NASA will take in fulfilling the requirements of the E.O. 13149 and Energy Policy Act of 1992 (EPAct). Therefore contractors supporting the JSC Passenger Van Service shall use Alternative Fuel Vehicles and Alternative Fuels when operating the JSC Passenger Van Service.</p> <p>Should the contractor require additional Government owned vehicles, the contractor shall coordinate new vehicle acquisition through the Center TO and Contracting Officer (CO) for approval. Unless the Contractor receives written approval from the Center TO and the CO, the Contractor shall not negotiate directly with GSA to acquire, or dispose of any Government owned vehicle.</p> <p>Contractors who operate Government-owned vehicles are required to assemble and report Federal Automotive Statistical Tool (FAST) data annually. The Contractor shall be responsible for the entry of data directly into FAST as described in 12.5.5.2.</p> <p>g. A replacement vehicle will be provided from the JSC sub-pool fleet at no cost to the contractor, provided that the repairs are a result of normal use and not from an accident <u>caused by</u> the contractor. Based on availability of vehicle types, the replacement vehicle may or may not be an AFV.</p> <p>h. JSC offers ADA service in CLIN 12.5.2, therefore, the JSC Passenger Van Service vehicles are not required to be ADA compliant.</p>		

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>NOTE: The vehicles will be equipped with Government-provided radio communications. The passenger van service schedule, routes, and times are determined by the Government and are subject to change due to program requirements.</p>		
12.5.3	Vehicle Administrative Operations Provide vehicle administrative support	<p>Support operations in the Vehicle Office. Support provided shall include, but not be limited to: maintaining the JSC Vehicle Fleet Database; maintaining and updating electronic and hard copy files; generating various reports as required; and issuing vehicles as needed.</p> <p>NOTE: Interface with the General Services Administration (GSA)/Fleet Management Center (FMC) personnel to resolve vehicle issues that shall include, but not be limited to: vehicle mileage, replacement vehicles, overdue preventive maintenance, and GSA policies and procedures.</p>	365 days	Professional, courteous, accurate, and on time.
12.5.3.1	Vehicle Keys Maintain extra set of keys for all Government vehicles	<p>Maintain extra sets of ignition and entry keys for all Government vehicles. Mark keys individually for each vehicle and file by the license plate numbers. Maintain an additional set of keys for those vehicles designated for Hurricane Emergency Preparedness, and file separately. Provide keys to the Transportation *TMR for Hurricane Response. Ensure that keys for vehicles turned in or replaced are turned in to GSA/FMC, as required.</p> <p>NOTE: These spare keys are for the Government vehicles in the vicinity of *JSC.</p>	150 keys	Readily accessible and accurate.
12.5.3.2	Vehicle Credit Cards Maintain JSC vehicle fleet credit cards	<p>Notify GSA/FMC when JSC vehicle fleet credit card needs replacing. Contact and give to vehicle user when replacement credit card is received from GSA/FMC. Send card that was replaced to GSA/FMC.</p>	107 cards	On time and accurate.
12.5.3.3	Report of Accidents Ensure accidents are reported	<p>Notify the Transportation *TMR and instruct user to contact the GSA Accident Control Center (ACC), their supervisor, and official law enforcement authorities immediately. Obtain a copy of the **SF91, Vehicle Accident Report, **SF94, Statement of Witness, police report, and vehicle repair estimate.</p>	10 reports	On time and accurate.
12.5.3.4	Vehicle Safety Recalls Notify user of vehicle safety recalls	<p>Ensure that the vehicle user receives a copy of the Vehicle Safety Recall notification issued by the vehicle manufacturer within 5 days of receipt. Obtain and file a copy of the corrective repair from vehicle user.</p>	4 notices	On time and accurate.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.5.3.5	Daily Vehicle Dispatch Information Receive and file Daily Vehicle Dispatch information	Receive and file, from all vehicle pool users, daily vehicle dispatch information which identifies the vehicle's license number; driver's name, office code, and phone number; date vehicle checked out; date vehicle checked in; and destination, by the 15 th of the month. Provide the *TMR a listing of the organizations who fail to meet the deadline each month. NOTE: Dispatch information is received from organizational vehicle pool usage of approximately 100 vehicles per month, which are under *JSC management. NOTE: Definition of vehicle pool – When more than one organization shares a vehicle.	12 months	On time and accurate.
12.5.3.6	Vehicle Support Issue Government pool vehicles	a. Process requests received from JSC civil service and Contractor personnel (other than COSS Contractor) either verbally or by electronic means, for the use of Government vehicles to support in-house requirements. Information required from the requestor will include, but not be limited to: requesting organization code, requestor, requestor's phone number, purpose for vehicle requirement, type (passenger or cargo) of vehicle required, timeframe that the vehicle will be required, and date and time the vehicle needs to be made available for pick up. Evaluate the justification for the request and respond accordingly to the request (provide confirmation of approval/disapproval to the requestor). Receive requests and schedule requirements within 30 minutes of notification. b. Maintain and update reservations calendar, reflecting requests. Calendar will include, but not be limited to: requestor's name, organization code, phone number, purpose for vehicle requirement, and type of vehicle to be issued.	550 requests	On time and accurate.
12.5.3.7	Full-Time Vehicles Process requests for full-time vehicle assignments	a. Receive and submit **JSC Form 971, Justification/Rejustification Full Time Vehicle Assignment and cover letters to Transportation *TMR for TO signature. Upon approval/disapproval, notify the requestor that the request has been disapproved or, initiate letter to GSA/FMC, requesting the assignment of an additional vehicle for the TO signature. Receive and process **JSC Form 971, Justification/Rejustification Full Time Vehicle Assignment , upon request of the *TMR.	1 calendar 365 days 10 Justification requests	On time and accurate.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>b. Process **JSC Form 971's, Justification/Rejustification Full Time Vehicle Assignment, received for Government vehicles from user organizations whose vehicle mileages do not exceed an average of 300 miles per month per vehicle. Compile a summary of the vehicles for approval/disapproval for the Transportation *TMR. Upon approval/disapproval prepare a letter to the vehicle user organization stating that rejustification has been approved/disapproved and forward to the Transportation *TMR upon request.</p> <p>Maintain a permanent file of all completed Justification/Rejustification Full Time Vehicle Assignment requests.</p> <p>NOTE: Rejustifications are done triennially. The first is performed in 2003.</p>	Approximately 275 requests triennially	On time and accurate.
12.5.3.8	JSC Vehicle Fleet Database Maintain and update JSC Vehicle Fleet Database	Maintain and update the JSC Vehicle Fleet Database as changes in the vehicle fleet occur. Entries to the JSC Vehicle Fleet Database will include, but not be limited to: mileage, vehicle additions, replacements, and deletions, vehicle cost data, vehicle descriptions, users, and repair and maintenance information	Daily	On time and accurate.
12.5.3.9	Vehicle Preventive Maintenance Ensure vehicle preventive maintenance (PM) is accomplished	Notify vehicle users of the PM due on vehicles assigned to them within 2 *workdays of receiving **GSA Form 3478, Motor Vehicle Service Authorization from GSA. Forward notification cards to the respective vehicle user. Provide the vehicle user with a listing of current service or repair facilities where the PM is to be performed. Upon receipt of **GSA Form 3478, Motor Vehicle Service Authorization , from the user after the PM is completed, forward to GSA/FMC.	300 notifications	On time and accurate.
12.5.3.10	Pool Vehicles, Preventive Maintenance, Servicing, and Replacement Ensure pool vehicles maintenance, servicing, and replacement	Transport pool vehicles to local facilities for preventive maintenance, repairs, and/or vehicle replacement within 2 *workdays .	120 vehicles	Safe and on time.
12.5.3.11	Vehicle Emissions Inspections Ensure vehicle emissions inspections are performed	Generate and distribute notifications to all civil service and Contractor vehicle users to have vehicle emissions inspections performed on all Government vehicles which are 2 years and older. Direct vehicle users to designated commercial facilities to have the inspections performed. Collect printout results of the emissions inspection from the user and forward the printouts to GSA/FMC. Maintain a copy of the test results in file for 2 years	100 notices	On time and accurate.
		NOTE: This is accomplished in October and November.		

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.5.4	Special Event Transportation Arrange ground transportation to support special events	Arrange all ground transportation with commercial transportation companies, which will include, but not be limited to 55-passenger coach buses, 21-passenger mini buses, rental cars, and golf carts to support special events at *JSC and other locations. NOTE: The Government will lease the necessary transportation vehicles via government credit card.	8 requests	On time and accurate.
12.5.5	Records, Reports, and Submittals Prepare reports for submission to the Transportation *TMR	Prepare and submit reports as listed below. Reports include, but are not limited to:	See below	On time and accurate.
12.5.5.1	JSC Vehicle Mileage Report	Receive mileage submitted from JSC's BOAC (Billing Office Address Code) vehicle user organizations and enter vehicle mileage into the GSA Mileage Express. In the event mileage for vehicle usage is not received by the 15 th of the month, contact the respective organizations and obtain the associated mileage and provide the *TMR a listing of the organizations who fail to meet the deadline. Generate a *JSC Vehicle Mileage Report for each BOAC, which includes JSC contractors and WSTF. This report is obtained from the GSA Reports Carryout and furnish a copy to the Transportation *TMR by the 25 th of each month. NOTE: Vehicle mileages are received from organizational usage of approximately 125 vehicles per month. These 125 vehicles are under *JSC BOAC but some vehicles may be located in other states.	12 reports	See above.
12.5.5.2	Federal Automotive Statistical Tool (FAST) Report	Prepare the **Federal Automotive Statistical Tool (FAST) Report and submit to the Transportation *TMR by November 1 st , with the understanding that this date may slip as directed by NASA/Headquarters.	1 report.	See above.
12.5.5.3	Alternative Transportation Fuel and Alternative Vehicles Survey, Energy Information Agency Survey ReportReserved	Prepare the **Alternative Transportation Fuel and Alternative Vehicles Survey, Energy Information Agency Survey Report and submit to the Transportation *TMR by March 20 th .	1 report.	See above.
12.5.5.4	Alternative Fuel Vehicle Acquisition Report	Prepare the **Alternative Fuel Vehicle Acquisition Report and submit to the Transportation *TMR by July 15th.	1 report.	See above.
12.5.5.5	Agency Reporting of Motor Vehicle Data for Budget Submission Report, Office of Management and Budget (OMB) Report	Prepare the **Agency Reporting of Motor Vehicle Data for Budget Submission Report, Office of Management and Budget (OMB) Report and submit to the Transportation *TMR by July 15th.	1 report.	See above.
12.5.5.6	General Purpose Vehicle Accident Report	Prepare the **General Purpose Vehicle Accident Report and submit to the Transportation *TMR by October 15th and April 15th.	2 reports	See above.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.5.5.7	OIG Audit Response (General Purpose) Vehicle Cost Savings Summary ReportReserved	Prepare the **OIG Audit Response-(General Purpose) Vehicle Cost Savings Summary Report and submit to the Transportation *TMR by September 15 th and March 15 th .	2 reports	See above.
12.5.5.8	Vehicle Cost Per Mile Metrics Report	Prepare the **Vehicle Cost Per Mile Metrics Report and submit to the Transportation *TMR by October 15 th .	1 report	See above.
12.5.5.9	Vehicle Fleet Mileage Express Report	Prepare the **Vehicle Fleet Mileage Express Report and submit to GSA by the 20 th of each month. Furnish a copy to the *TMR upon request.	12 reports	See above.
12.5.5.10	Intragovernmental Payment and Collection (IPAC) System Report	Prepare the **IPAC Report and submit to the Transportation *TMR 5 days before Financial Management stated due date (varies each month).	12 reports	See above.
12.5.5.11	Vehicle Statistical Report	Prepare the **Vehicle Statistical Report and submit to the Transportation *TMR by the 8 th of each month.	12 reports	See above.
12.5.5.12	One-Time/New Reports	NOTE: See TRL for copies of the above reports. One-Time/New Reports Generate one-time reports, new reports as required on short notice by the Transportation *TMR, JSC, NASA, GSA/FMC, Energy Information Agency, Office of the Inspector General, or the Department of Transportation.	5 reports	On time and accurate.
12.5.5.13	Driver Services and Passenger Van Service Report	Provide the total number of passengers transported, the total number of requests, and the total man hours required to support Driver Services and provide the total number of passengers transported and the total man hours required to support the Passenger Van Service for the previous month to the Transportation *TMR by the 8th of each month.	12 reports	On time and accurate.
12.5.6	Personnel Requirements Provide vehicle-licensed personnel	Ensure Contractor personnel have the proper valid Texas State commercial driver's licenses, with all proper endorsements, including passenger endorsement (P-Passenger), to operate and/or drive the required vehicles to perform the duties.	365 days	Accurate and current.
12.6	RECEIVE/DELIVER INBOUND FREIGHT			

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.6.1	Receive/Deliver Inbound Freight Maintain inbound freight database, perform receipt, incheckers inspection, content inspection, and delivery of inbound freight	<p>Provide for the complete process of receiving, processing, and delivering any type of freight shipments. The entire process will be costed once per shipment. Receive all inbound freight shipments consigned to NASA JSC. Perform initial receipt, in-checking inspection, content inspection, and process all transportation documentation. Ensure that all items received are delivered directly to the customer at the appropriate building and room number. Personnel locator is provided on JSC Home Page. Comply with all special handling instructions. Examples of items requiring special handling include, but are not limited to: explosives, hazardous material, refrigerated items, radioactive items, medical items or drugs.</p> <p>Receiving and delivery service may be required during times other than the previously designated hours of operation. An example would be Shuttle mission film deliveries to and from area airports. Average monthly overtime requirement is 8 hours.</p> <p>Provide local airport pickup and delivery of freight consigned to NASA JSC, when notified by the Transportation *TMR. Pay terminal handling fee to airline when required.</p> <p>NOTE: In the past, this terminal handling fee has been \$15. Approximately 10 shipments of the previously identified 27,000 have been airport pickups.</p> <p>a. Maintain inbound freight database.</p> <p>Maintain and operate a computerized database of all inbound freight. The database shall be updated within 1 work hour of any package movement. Fields required for this database shall contain, but not be limited to: sequential control number, date and time of receipt, shipper name, city, state, country, carrier name, priority, count of pieces received, weight of shipment, commercial bill number, Government Bill of Lading (GBL) number, type receipt, disposition, disposition date, general commodity, mark for name, including building and room, in-checker name, claim information, current location of freight, inspector's initials, date and time staged, date and time restaged, date and time put on truck, driver's initials, date and time delivered or closed, document numbers associated with receipt, and remarks.</p> <p>The database shall have barcode, sort, and report capability, assign sequential control numbers to each shipment, and provide continuous tracking during entire receipt and delivery process.</p> <p>For purposes of this CLIN, a single data entry transaction shall include the initial data entry of a shipment received, plus all future updates to that data entry.</p>	27,000 shipments	On time, accurate, with no damage or mishandling.
			See above	Accurate, time with continuous tracking and cross-reference data between control number and freight.
			See above	See above.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>For purposes of this CLIN, receipt type shall indicate the following types of receipts: GBL, vendor deliveries, Government air, handcarries, mail, prepaid, collect, downtown pickups, voids, misdirected shipments.</p> <p>The database shall be capable of creating the following reports: **Daily Log Report and various monthly statistical reports required by the Transportation *TMR. Fiscal year calendar will be used for this database and all reports. Weekly reports shall be Monday through Friday. Provide Monthly Statistical report by 3rd working day of each month for the previous month's activity.</p>		
		<p>Print **JSC Form 769, Delivery Receipt, and attach to material sent directly to customer; print Hold Notice for frustrated freight; and print Call Notice for items requiring inspection. Thoroughly research all frustrated freight shipments received and identify the recipient for proper delivery.</p> <p>NOTE: Approximately 1750 receipts per year are frustrated freight. Approximately half of these are resolved the same day.</p>	See above	Accurate and on time.
		<p>Respond to calls requesting status of inbound freight within 30 minutes.</p>	See above	Accurate and on time
		<p>b. Perform receipt, in-checkers inspection, and content inspection of inbound freight. Shipments requiring payment (defrayed shipments) on delivery are to be refused. The COSS contractor shall inform the carrier to bill JSC for defrayed shipments.</p>	See above	Accurate, on time, safely, with no damage or mishandling.
		<p>Unload, perform the receipt and in-checking inspection for large, unique, hazardous, or delicate shipments at the ultimate point of usage or storage within 2 hours of initial receipt. Provide transportation and/or rigging support as required.</p>		
		<p>Inspect the contents of all inbound freight shipments except when the shipment is documents or other printed matter, when the shipment paperwork indicates otherwise, when requested by the customer, or when the shipment is sealed flight hardware.</p>		
		<p>Process freight claims in accordance with Code of Federal Regulations, Title 41, Chapter. 101-40.7, Reporting and Adjusting Discrepancies in Government Shipments. Record and resolve discrepancies in quantity or condition of freight. Assign claim number and prepare two claim folders, containing **JSC Form 2121, In-Checker's Discrepancy Statement (or something similar), inspector's description of concealed damages, photos showing damage, and **SF361, Transportation Discrepancy Report.</p>	See above	Accurate, on time, and current.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>Contractor will maintain one claim folder, and the second claim folder will be delivered to the Transportation *TMR. Each Monday the Contractor will provide the following information to the Transportation *TMR:</p> <p>All claim folders initiated the previous week; the updated status of all claims which have not been closed; and justification for all claim folders closed the previous week. This information should include, but is not limited to, claim number, purchase request (PR) number, GBL number, commercial freight bill number, date received, date discrepancy discovered, carrier, value of damage or shortage, Free on Board (FOB) point as stated on PR, nature of discrepancy, and remarks, to include latest actions, or date the claim was closed and resolution.</p> <p>X-Ray and screen packages for destructive devices and contraband material. Notify JSC Security immediately of detection of any anomalies.</p> <p>Weigh bulk gases on calibrated scale upon arrival and again after delivery to location. Obtain weight ticket generated by the scale, recording the beginning and ending weight and attach both weight tickets to front of the receiving document.</p> <p>Immediately upon receipt, isolate all Communication Security (COMSEC) equipment and notify the COMSEC account manager.</p> <p>NOTE: COMSEC account manager will provide Contractor an advance notification of incoming COMSEC equipment, whenever possible.</p> <p>Upon arrival, escort Class A and B explosive shipments to consignee area to process and offload within 30 minutes of arrival. Class C explosives will be offloaded and processed at the main receiving facility and delivered within 4 work hours. Store Class C explosives in an explosive container until delivered to the consignee.</p> <p>NOTE: About 60 shipments of the identified 27,000 shipment total of explosives per year, but 90 percent of those are Class C.</p> <p>Receive lithium batteries in accordance with **JSC Document 18661, Safety Requirements and Procedures for Handling and Disposal of Lithium Cells/Batteries. Maintain a copy of this document in the receiving area. Receipt, processing, storage, and delivery of lithium batteries to occur within 4 work hours.</p> <p>Precious metals shall be placed in a Government designated location from time of receipt until delivery. Immediately after inspection, notify Security for escort of the delivery. Complete process within 4 work hours of receipt.</p>	<p>See above</p> <p>See above</p> <p>See above</p> <p>See above</p> <p>See above</p> <p>See above</p> <p>See above</p>	<p>Accurate, on time, with no damage or mishandling.</p> <p>Accurate, on time, with no damage or mishandling.</p> <p>Accurate and on time.</p> <p>Accurate, on time, with no damage, mishandling, or improper storage.</p> <p>Accurate, on time, with no damage, mishandling, or improper storage.</p> <p>Accurate, on time, with no damage, or lack of constant surveillance.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>Notify the recipient for pick up of personal items obtained with personal funds. Attach a memo provided by the Supply and Equipment Management Officer (SEMO) regarding deliveries of personal property. Notify recipient of personal items within 3 *workdays of receipt.</p> <p>Notify JSC Drug Control Officer within 4 hours of receipt for the pickup of medical items or drugs. Store material in a secure location until it is picked up by the JSC Drug Control Officer.</p> <p>Notify JSC Radiation Safety Officer within 1 hour of any radioactive receipts. Store material in government provided refrigerator designated for radioactive material, where it shall remain until pick up by the JSC Radiation Safety Officer.</p> <p>Maintain original freight bills and other receiving documentation (with attachments). Return all original GBL's to the carrier; do not write on originals. A separate folder is required for each day's receipts, and a **Daily Log Report shall be included in each folder.</p> <p>For supply items (stores stock, critical spares), enter all receipts in NASA Supply Management System (NSMS) on the same day as identified as a supply item, suspending all discrepancies including, but not limited to: damages, overages, shortages, etc., upon discovery, and adequately explain cause of discrepancy. When discrepancy is corrected, process receipt in NSMS. Resolve suspended receipts within 2 days. Warehouse supply items safely and securely ensuring easy identification and accessibility.</p> <p>NOTE: The Contractor can expect approximately 1,400 supply items (of the identified 27,000 total shipments).</p>	<p>See above</p> <p>See above</p> <p>See above</p> <p>See above</p> <p>See above</p>	<p>Accurate, on time, with no damage or mishandling.</p> <p>Accurate, on time, with no damage or unsecured storage.</p> <p>Accurate, on time, with no damage or improperly stored material.</p> <p>Maintain file accurately.</p> <p>Accurate, on time, with no damage, mishandling, or improper storage.</p>
		<p>Gas cylinders are delivered direct to gas cylinder storage area. Inspection of gas cylinders includes, but is not limited to, accurate color-coding, industry standard label listing the contents, cylinder cap is in place and secure, and there are no leaks. Enter serial number and other data in bar code scanner and print bar code label and affix on cylinders prior to storage or delivery.</p> <p>NOTE: Contractor can expect approximately 850 gas cylinder receipts (of the identified 27,000 total shipments).</p>	See above	Nothing additional.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		Gas cylinders not requiring lab analysis shall be delivered directly to stock or customer's location on same day of receipt. Segregate gas cylinders and coordinate with the Environmental Health Laboratory (EHL) for scheduling and transportation of cylinders containing breathing air, Aviation Breathing Oxygen (ABO), Nitrogen and any others specified on **JSC Form 1313, Attachment No. 1, Quality Purchase Order Addendum for Fluids Procurement , to the EHL for testing and acceptance on same day received. If cylinder is not accepted, contact the vendor for exchange or return and transport to the cylinder storage area on same day.	See above	Nothing additional.
		Process receipts in NSMS under specific ownership code for electronically segregating cylinders. These codes include, but are not limited to, JB for gases that are delivered to stock or direct delivery to customer, GL for gases that are at the lab for testing, GP for gases pending going to the lab for testing, and GR for gases that failed testing (rejects). Warehouse supply items safely and securely ensuring easy identification and accessibility.	See above	Nothing additional.
		For processing equipment items, assign Debit voucher (D-voucher) number to source document and determine tagging criteria per **NPG 4200.1, NASA Equipment Management Manual . NOTE: Source document may contain multiple equipment items for processing. Source documents include, but are not limited to: **DD Form 1149, Requisition and Invoice/Shipping Document , **JSC Form 290, Shipping Document , and **DD Form 250, Material Inspection and Receiving Report .	See above	Accurate and on time.
		If equipment meets Equipment Control Number (ECN) tagging criteria per **NPG 4200.1, NASA Equipment Management Manual : 1) Assign ECN and place tag on equipment. 2) Complete **JSC Form 122, NEMS Control Transmittal . 3) Input into NEMS database by the close of business the next *workday . If equipment does not meet ECN tagging criteria: 1) Stamp source document with "Does Not Meet Criteria" (DNMC) stamp. 2) Place a **NASA Form 1517, Property US Government Decal on the equipment. 3) Annotate "DECAL" on source document. If equipment is delivered directly to customer's location, stamp original source document indicating reason and forward to Equipment *TMR .	See above	Accurate and on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>Every source document must be stamped in red with "Original Voucher Copy." Track all ECN's using data indicated in **D-Voucher Log Report, along with a copy of the source documents and forward previous month's log and the copy of the source document to the Equipment *TMR by the 10th of each month. Handcarry original source document and **JSC Form 122, NEMS Control Transmittal to Equipment *TMR daily.</p> <p>Provide calibration and state certifications of truck scale (provided by Government) as required. The Contractor is required to provide annual certification of the truck scale.</p> <p>c. Delivery of inbound freight.</p> <p>1. Priority items received by 11:00 a.m., which do not require inspection, shall be delivered to the customer on same day as received; items arriving after 11:00 a.m. shall be delivered no later than noon of the next *workday.</p> <p>NOTE: Contractor can expect approximately 7,600 shipments.</p> <p>2. Priority items requiring inspection shall be delivered to the customer within 1 *workday of initial receipt.</p> <p>NOTE: Contractor can expect approximately 500 shipments.</p> <p>3. Non-priority items, not requiring inspection, shall be delivered by close of business next *workday.</p> <p>NOTE: Contractor can expect approximately 10,300 shipments.</p> <p>4. All other inbound freight/packages requiring inspection shall be delivered within 2 *workdays of initial receipt. (Personal items must be picked up, not delivered.)</p> <p>NOTE: Contractor can expect approximately 6,200 shipments.</p> <p>5. Flight hardware shall be delivered to the appropriate bonded storage room within 4 hours of initial receipt.</p> <p>NOTE: Contractor can expect approximately 1,000 shipments.</p> <p>6. Work stoppage items will be processed upon customer request. Deliver within 2 hours of request or receipt of item. When inspection is required, deliver within 4 hours of request or receipt of item.</p> <p>NOTE: Contractor can expect approximately 1,400 shipments.</p>	<p>Annually</p> <p>See above</p>	<p>Accurate and on time.</p> <p>Accurate, on time, with no damage or mishandling.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.6.2	Personnel Requirements	<p>Receiving Personnel: Provide personnel who have a minimum of 2 years experience in receiving commercial freight from all modes of transport. Provide documented evidence of personnel experience to the Transportation *TMR.</p> <p>At start of contract, and annually thereafter, submit a request for SEMO authorization of personnel certified by the Contractor to act as receiving agents for the Government. This request shall include a statement certifying that they have been trained, tested, and found proficient in inchecking, inspecting, and the initiation and completion of proper documentation necessary in the receipt of JSC freight shipments. Include signatures of those personnel on the list, and provide updates to reflect newly authorized receiving agents, prior to allowing them to sign for freight.</p> <p>Personnel who will operate the x-ray-screening machine must be trained before using. Contractor must provide refresher training semi-annually. Minimum scores must be achieved on computer-based training for x-ray screening equipment. Provide Transportation *TMR documented evidence of test scores achieved by Contractor personnel.</p>	Contractor determined	<p>Personnel training records accurate and current.</p> <p>Accurate and on time initial list and updates.</p> <p>Training provided semi-annually. Minimum scores must be achieved.</p>

Receive/Deliver Inbound Freight Process

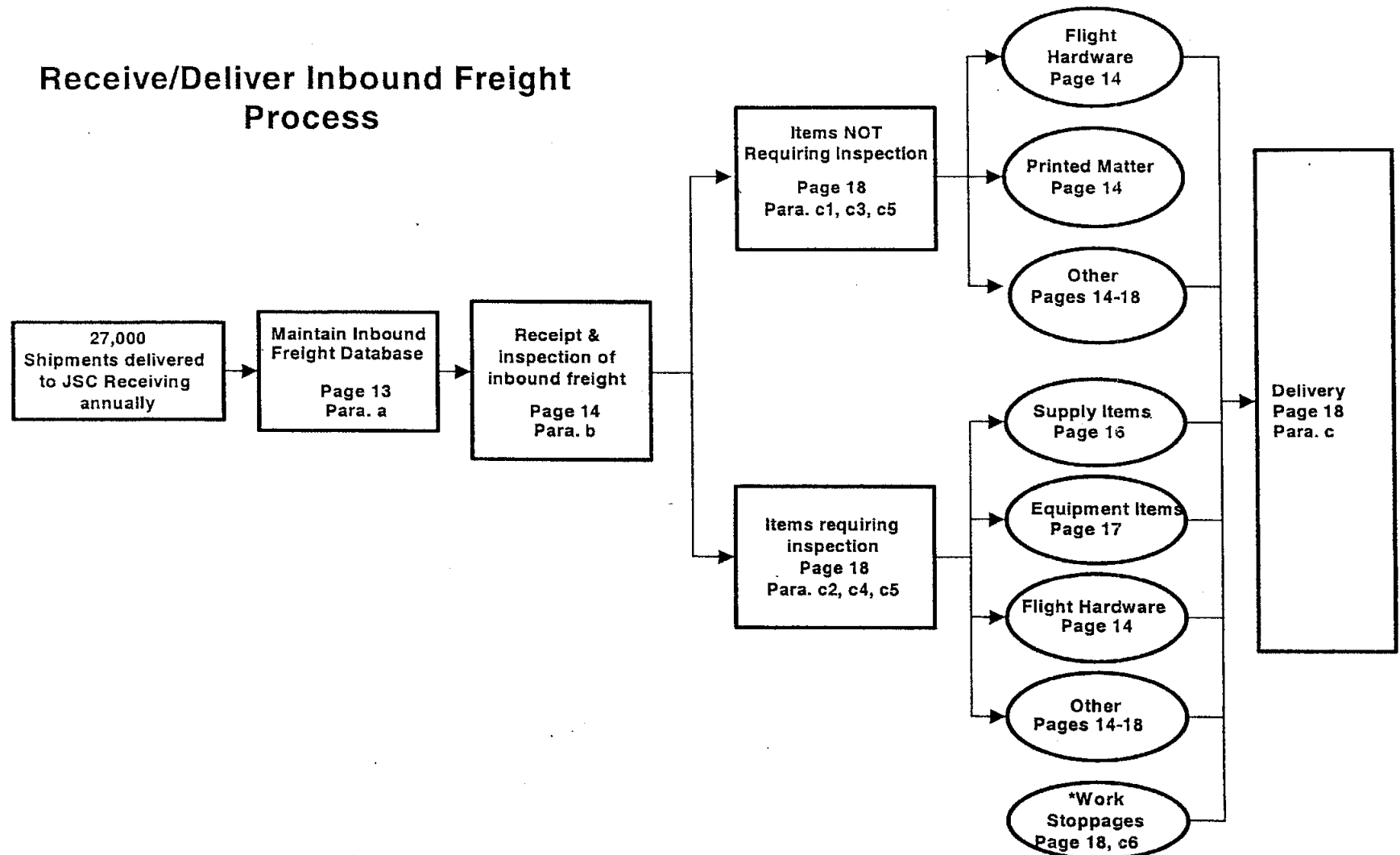


Chart 12.6 -1

***Note:** Work stoppages can include any of the items shown above.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 13
2. AMENDMENT/MODIFICATION NO. 942	3. EFFECTIVE DATE Same as Block 16c	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Parkway Houston, TX 77058	CODE BJ3/T57 281-244-2492/34173 (fax)	7. ADMINISTERED BY (If other than Item 6) Same as Block 6		CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Parkway
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

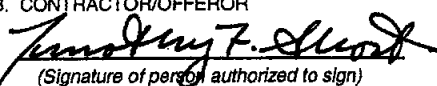
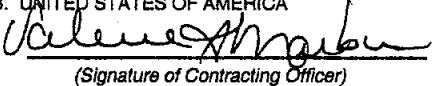
<input type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate changes into the Contract as shown on Page 2. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Timothy F. Short, Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 9/16/03	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 9/16/03

<u>From</u>	<u>To</u>	<u>Remarks</u>
-	B.11.GX	Add the following to B.11, Pre-Established Loaded Labor Rates (for use with Annex 13):

Estimated Item Identifier		Unit	Year 1	Year 2	Year 3	Year 4	Year 5	
B.11.GX		Loadmaster	Workhour	N/A	\$42.96	\$44.24	\$45.55	\$46.91
B.11.GY		Loadmaster	Workhour	N/A	\$44.29	\$45.62	\$46.97	\$48.37

Annex 2.9.1	Annex 2.9.1	Change the due date for the UE Maintenance Report from the 10 th of each month to the 20th
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Annex 8.1.5	Annex 8.1.5	Increase the number of Government-Provided Computer Services from 225 to 228 to reflect the addition of the Loadmaster requirement
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F.6	F.6	Change the address from "2101 NASA Road 1" to "2101 NASA Parkway"
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G.4	G.4	Change the address in paragraph 1 from "2101 NASA Road 1" to "2101 NASA Parkway"
-----	-----	----------------------------------------------------------------------------------

Change "The contractor shall submit an invoice (original and 2 duplicate originals) no more frequently than once per month..." to "...twice per month..." in paragraph 2

G.8	G.8	Change the address from "2101 NASA Road 1" to "2101 NASA Parkway"
-----	-----	-------------------------------------------------------------------

I.13	I.13	Change the address from "2101 NASA Road 1" to "2101 NASA Parkway"
------	------	-------------------------------------------------------------------

J-C	J-C	Change the following in the Table of Contents for the DRD's and DRL's:
-----	-----	------------------------------------------------------------------------

DRD Number	From	To
AN-1-2	Once w/Updates	As Required
AN1-19	Reserved	Monthly
AN-4-2	Annually w/Updates	As Required

J-K, List 2

J-K, List 2

Add the following to the end of List 2 for use
with Loadmaster:

"MISCELLANEOUS APPLICATIONS

SYSTEM DESCRIPTIONS

Super Guppy Weight and Balance program

This program is used to compute the weight and balance of the Super Guppy. The complete program is on one 3.5" floppy diskette. This program can be used from personal computers in an office setting or via a laptop computer while on the airplane. This program is not to be changed or updated by anyone other than the NASA and COSS Loadmasters. When changes and or updates are made to the program by an authorized Loadmaster, the Loadmaster making the change or update shall provide the other Loadmasters a copy of the program via floppy diskette. Furthermore, the Loadmaster making the change shall inform the Loadmasters of what the change or update consist of. "

SECTION J - Attachment I
List 4: Installation- Accountable Government Property (IAGP)

Description	Mfgr	Mfg Model No	Serial No	Yr Mfd	ECN	Acq Cost
Required Tools to Support SGSF						
Standard Alan Wrench Set 3/8" - .050	Craftsman					
3/8" Alan Head Socket	Snap On					
1/2" Alan Head Socket	Snap On					
3/4" Alan Head Socket	Snap On					
1/4" Alan Head Socket	Craftsman					
3/16" Alan Head Socket	Craftsman					
3/4" to 1/2" Ratchet Adapter	Snap On					
1/2" to 3/8" Ratchet Adapter	Craftsman					
1/2" Drive 6" Ratchet Extension	Craftsman					
3/8" Drive Ratchet						
3/8" Drive 6" Ratchet Extension	Craftsman					
1/2" Drive Ratchet Extension	Craftsman					
1 1/8" Standard Socket	Craftsman					
28mm Metric Socket	Husky USA					
1 1/8" Open/Box End Wrench	Craftsman					
15/16" Open/Box End Wrench	Craftsman					
9/16" Open/Box End Wrench	Craftsman					
3/16" Standard Screw Driver	Craftsman					
# 2 Phillips Head Screw Driver	Craftsman					
# 1 Phillips Head Screw Driver	Craftsman					
Needle Nose Pliers 4"	Craftsman	#45102				
Regular Nose Pliers 4"	Craftsman	#45378				
Scissors 8 1/2"	Mundial	#660				
Utility Knife	Stanley	#10-099				
Flashlight	Mag-Lite (2 - D cell)					
Rubber Mallet (Medium)	Craftsman					
Tool Box (6" x 6" x 18")	Craftsman					
Loadmaster Tool Listing						
Tool Book	Craftsman					
Hammer, Ball pien 16 oz	Craftsman	38465-16				\$16.00
Hammer, Power driver	Nuplalex	SF-2				

SECTION J - Attachment I
List 4: Installation- Accountable Government Property (IAGP)

Description	Mfgr	Mfg Model No	Serial No	Yr Mfd	ECN	Acq Cost
Ratchet 3/8" drive	Craftsman					
Socket 3/8 drive 3/8"	Craftsman					
Socket 3/8 drive 7/16"	Craftsman					
Socket 3/8 drive 1/2"	Craftsman					
Socket 3/8 drive 9/16"	Craftsman					
Socket 3/8 drive 5/8"	Craftsman					
Socket 3/8 drive 11/16"	Craftsman					
Socket 3/8 drive 3/4"	Craftsman					
Socket 3/8 drive 10mm	Craftsman					
Socket 3/8 drive 11mm	Craftsman					

SECTION J - Attachment I
List 4: Insallation-Accountable Government Property (IAGP)

Serial No.	Kit No.	Item Description	Capacity		
GUP1S47-01	1	12' Lifting Sling	20 Ton		
GUP1S47-02	1	12' Lifting Sling	20 Ton		
GUP1S47-03	1	12' Lifting Sling	20 Ton		
GUP1S47-04	1	12' Lifting Sling	20 Ton		
GUP1S47-09	1	10' Lifting Sling	12.5 Ton		
GUP1S47-10	1	10' Lifting Sling	12.5 Ton		
GUP1S47-11	1	10' Lifting Sling	12.5 Ton		
GUP1S47-12	1	10' Lifting Sling	12.5 Ton		
GUP1S47-24	1	10' 8" Lifting Sling	5 Ton		
GUP1S47-25	1	10' 8" Lifting Sling	5 Ton		
GUP1S47-26	1	10' 8" Lifting Sling	5 Ton		
GUP1S47-27	1	10' 8" Lifting Sling	5 Ton		
GUP1C-01	1	1 ½" Lifting Shackle	17 Ton		
GUP1C-02	1	1 ½" Lifting Shackle	17 Ton		
GUP1C-03	1	1 ½" Lifting Shackle	17 Ton		
GUP1C-04	1	1 ½" Lifting Shackle	17 Ton		
GUP1C-05	1	1 ½" Lifting Shackle	17 Ton		
GUP1C-06	1	1 ½" Lifting Shackle	17 Ton		
GUP1C-07	1	1 ½" Lifting Shackle	17 Ton		
GUP1C-08	1	1 ½" Lifting Shackle	17 Ton		
GUP1C-09	1	1 ½" Lifting Shackle	17 Ton		
GUP1C-10	1	1 ½" Lifting Shackle	17 Ton		
GUP1C-11	1	1 ½" Lifting Shackle	17 Ton		
GUP1C-12	1	1 ½" Lifting Shackle	17 Ton		
GUP1C½-01	1	½" G-2130 Shackle	2 Ton		
GUP1C½-02	1	½" G-2130 Shackle	2 Ton		
GUP1C½-03	1	½" G-2130 Shackle	2 Ton		
GUP1C½-04	1	½" G-2130 Shackle	2 Ton		
GUP1C½-05	1	½" G-2130 Shackle	2 Ton		
GUP1C½-06	1	½" G-2130 Shackle	2 Ton		
GUP1C½-07	1	½" G-2130 Shackle	2 Ton		
GUP1C½-08	1	½" G-2130 Shackle	2 Ton		
GUP1B41-05	1	Spreader Bar	22 Ton		
GUP1B41-06	1	Spreader Bar	22 Ton		
GUP1H41-04	1	ECS Lifting Fixture Assembly	.5 Ton		
GUP1H41-04A	1	ECS Lifting Beam Side A	.25 Ton		

SECTION J - Attachment I
List 4: Insallation-Accountable Government Property (IAGP)

Serial No.	Kit No.	Item Description	Capacity		
GUP1H41-04B	1	ECS Lifting Beam Side B	.25 Ton		
GUP2S47-05	2	12' Lifting Sling	20 Ton		
GUP2S47-06	2	12' Lifting Sling	20 Ton		
GUP2S47-07	2	12' Lifting Sling	20 Ton		
GUP2S47-08	2	12' Lifting Sling	20 Ton		
GUP2S47-13	2	10' Lifting Sling	12.5 Ton		
GUP2S47-14	2	10' Lifting Sling	12.5 Ton		
GUP2S47-15	2	10' Lifting Sling	12.5 Ton		
GUP2S47-16	2	10' Lifting Sling	12.5 Ton		
GUP2S47-20	2	10' 8" Lifting Sling	5 Ton		
GUP2S47-21	2	10' 8" Lifting Sling	5 Ton		
GUP2S47-22	2	10' 8" Lifting Sling	5 Ton		
GUP2S47-23	2	10' 8" Lifting Sling	5 Ton		
GUP2C-13	2	1 ½" Lifting Shackle	17 Ton		
GUP2C14	2	1 ½" Lifting Shackle	17 Ton		
GUP2C-15	2	1 ½" Lifting Shackle	17 Ton		
GUP2C-16	2	1 ½" Lifting Shackle	17 Ton		
GUP2C-17	2	1 ½" Lifting Shackle	17 Ton		
GUP2C-18	2	1 ½" Lifting Shackle	17 Ton		
GUP2C-19	2	1 ½" Lifting Shackle	17 Ton		
GUP2C-20	2	1 ½" Lifting Shackle	17 Ton		
GUP2C-21	2	1 ½" Lifting Shackle	17 Ton		
GUP2C-22	2	1 ½" Lifting Shackle	17 Ton		
GUP2C-23	2	1 ½" Lifting Shackle	17 Ton		
GUP2C-24	2	1 ½" Lifting Shackle	17 Ton		
GUP2C½-09	2	½" G-2130 Shackle	2 Ton		
GUP2C½-10	2	½" G-2130 Shackle	2 Ton		
GUP2C½-11	2	½" G-2130 Shackle	2 Ton		
GUP2C½-12	2	½" G-2130 Shackle	2 Ton		
GUP2C½-13	2	½" G-2130 Shackle	2 Ton		
GUP2C½-14	2	½" G-2130 Shackle	2 Ton		
GUP2C½-15	2	½" G-2130 Shackle	2 Ton		
GUP2C½-16	2	½" G-2130 Shackle	2 Ton		
GUP2BSB-01	2	Spreader Bar	22 Ton		
GUP2BSB-02	2	Spreader Bar	22 Ton		
GUP2H41-02	2	ECS Lifting Fixture Assembly	.5 Ton		
GUP2H41-02A	2	ECS Lifting Beam Side A	.25 Ton		
GUP2H41-02B	2	ECS Lifting Beam Side B	.25 Ton		
GUP3S16-05	3	12' Lifting Sling	20 Ton		

SECTION J - Attachment I
List 4: Insallation-Accountable Government Property (IAGP)

Serial No.	Kit No.	Item Description	Capacity		
GUP3S16-06	3	12' Lifting Sling	20 Ton		
GUP3S16-07	3	12' Lifting Sling	20 Ton		
GUP3S16-08	3	12' Lifting Sling	20 Ton		
GUP3S16-09	3	10' Lifting Sling	12.5Ton		
GUP3S16-10	3	10' Lifting Sling	12.5Ton		
GUP3S16-11	3	10' Lifting Sling	12.5Ton		
GUP3S16-12	3	10' Lifting Sling	12.5Ton		
GUP3S16-13	3	10' 8" Lifting Sling	5 Ton		
GUP3S16-14	3	10' 8" Lifting Sling	5 Ton		
GUP3S16-15	3	10' 8" Lifting Sling	5 Ton		
GUP3S16-16	3	10' 8" Lifting Sling	5 Ton		
GUP3C-25	3	1 ½" Lifting Shackle	17 Ton		
GUP3C-26	3	1 ½" Lifting Shackle	17 Ton		
GUP3C-27	3	1 ½" Lifting Shackle	17 Ton		
GUP3C-28	3	1 ½" Lifting Shackle	17 Ton		
GUP3C-29	3	1 ½" Lifting Shackle	17 Ton		
GUP3C-30	3	1 ½" Lifting Shackle	17 Ton		
GUP3C-31	3	1 ½" Lifting Shackle	17 Ton		
GUP3C-32	3	1 ½" Lifting Shackle	17 Ton		
GUP3C-33	3	1 ½" Lifting Shackle	17 Ton		
GUP3C-34	3	1 ½" Lifting Shackle	17 Ton		
GUP3C-35	3	1 ½" Lifting Shackle	17 Ton		
GUP3C-36	3	1 ½" Lifting Shackle	17 Ton		
GUP3C½-17	3	½" G-2130 Shackle	2 Ton		
GUP3C½-18	3	½" G-2130 Shackle	2 Ton		
GUP3C½-19	3	½" G-2130 Shackle	2 Ton		
GUP3C½-20	3	½" G-2130 Shackle	2 Ton		
GUP3C½-21	3	½" G-2130 Shackle	2 Ton		
GUP3C½-22	3	½" G-2130 Shackle	2 Ton		
GUP3C½-23	3	½" G-2130 Shackle	2 Ton		
GUP3C½-24	3	½" G-2130 Shackle	2 Ton		
GUP3B16-02	3	Spreader Bar	22 Ton		
GUP3B16-03	3	Spreader Bar	22 Ton		
GUP3H16-04	3	ECS Lifting Fixture Assembly	.5 Ton		
GUP3H16-04A	3	ECS Lifting Beam Side A	.25 Ton		
GUP3H16-04B	3	ECS Lifting Beam Side B	.25 Ton		
GUPS820-10	Spare	50' Sling (TPXC4000)	20 Ton		
GUPS820-11	Spare	50' Sling (TPXC4000)	20 Ton		
GUPS820-12	Spare	50' Sling (TPXC4000)	20 Ton		
GUPS820-13	Spare	50' Sling (TPXC4000)	20 Ton		

SECTION J - Attachment I

List 4: Insallation-Accountable Government Property (IAGP)

Serial No.	Kit No.	Item Description	Capacity		
GUPS3L9456	Spare	Three Leg Chain Bridle Sling	11.4 Ton		
GUPS20-01	Spare	20' ECS Generator Lifting Slings	3.1 Ton		
GUPS20-02	Spare	20' ECS Generator Lifting Slings	3.1 Ton		
GUPS20-03	Spare	20' ECS Generator Lifting Slings	3.1 Ton		
GUPS20-04	Spare	20' ECS Generator Lifting Slings	3.1 Ton		
GUPS20-05	Spare	20' ECS Generator Lifting Slings	3.1 Ton		
GUPS20-06	Spare	20' ECS Generator Lifting Slings	3.1 Ton		
GUPS20-07	Spare	20 ft-2" Nylon Lifting Sling	3.1 Tons		
GUPS20-08	Spare	20 ft-2" Nylon Lifting Sling	3.1 Tons		
GUPS20-09	Spare	20 ft-2" Nylon Lifting Sling	3.1 Tons		
GUPS20-10	Spare	20 ft-2" Nylon Lifting Sling	3.1 Tons		
GUPS20-11	Spare	20 ft-2" Nylon Lifting Sling	3.1 Tons		
GUPS20-12	Spare	20 ft-2" Nylon Lifting Sling	3.1 Tons		
GUPS20-13	Spare	20 ft-2" Nylon Lifting Sling	3.1 Tons		
GUPS20-14	Spare	20 ft-2" Nylon Lifting Sling	3.1 Tons		
GUPS16-01	Spare	16 ft -2" Nylon Lifting Sling	3.1 Tons		
GUPS16-02	Spare	16 ft -2" Nylon Lifting Sling	3.1 Tons		
GUPS16-03	Spare	16 ft -2" Nylon Lifting Sling	3.1 Tons		
GUPS16-04	Spare	16 ft -2" Nylon Lifting Sling	3.1 Tons		
GUPS65-01	Spare	2"x10' Nylon Sling	3.1 Ton		
GUPS65-02	Spare	2"x10' Nylon Sling	3.1 Ton		
GUPS65-03	Spare	2"x10' Nylon Sling	3.1 Ton		
GUPS65-04	Spare	2"x10' Nylon Sling	3.1 Ton		
GUPS65-05	Spare	2"X3' Nylon Sling	3.1 Ton		
GUPS65-06	Spare	2"X3' Nylon Sling	3.1 Ton		
GUPS65-07	Spare	2"X3' Nylon Sling	3.1 Ton		
GUPS65-08	Spare	2"X3' Nylon Sling	3.1 Ton		
GUPSC2-01	Spare	#2 Lifting Shackle	35 Ton		
GUPSC2-02	Spare	#2 Lifting Shackle	35 Ton		
GUPSC2-03	Spare	#2 Lifting Shackle	35 Ton		
GUPSC2-04	Spare	#2 Lifting Shackle	35 Ton		
GUPSC2-05	Spare	#2 Lifting Shackle	35 Ton		
GUPSC2-06	Spare	#2 Lifting Shackle	35 Ton		
GUPSC2-07	Spare	#2 Lifting Shackle	35 Ton		
GUPSC2-08	Spare	#2 Lifting Shackle	35 Ton		
GUPSC2-09	Spare	#2 Lifting Shackle	35 Ton		
GUPSC2-10	Spare	#2 Lifting Shackle	35 Ton		
GUPSC-37	Spare	1 ½" Lifting Shackle	17 Ton		
GUPSC-38	Spare	1 ½" Lifting Shackle	17 Ton		
GUPSC-39	Spare	1 ½" Lifting Shackle	17 Ton		

SECTION J - Attachment I
List 4: Insallation-Accountable Government Property (IAGP)

Serial No.	Kit No.	Item Description	Capacity		
GUPSC-40	Spare	1 ½" Lifting Shackle	17 Ton		
GUPSC-41	Spare	1 ½" Lifting Shackle	17 Ton		
GUPSC-42	Spare	1 ½" Lifting Shackle	17 Ton		
GUPSC-43	Spare	1 ½" Lifting Shackle	17 Ton		
GUPSC-44	Spare	1 ½" Lifting Shackle	17 Ton		
GUPSC-45	Spare	1 ½" Lifting Shackle	17 Ton		
GUPSC-46	Spare	1 ½" Lifting Shackle	17 Ton		
GUPSC-47	Spare	1 ½" Lifting Shackle	17 Ton		
GUPSC-48	Spare	1 ½" Lifting Shackle	17 Ton		
GUPSC-49	Spare	1 ½" Lifting Shackle	17 Ton		
GUPSC-50	Spare	1 ½" Lifting Shackle	17 Ton		
GUPSC1-01	Spare	1" Shackle	8.5 Tons		
GUPSC1-02	Spare	1" Shackle	8.5 Tons		
GUPSC1-03	Spare	1" Shackle	8.5 Tons		
GUPSC1-04	Spare	1" Shackle	8.5 Tons		
GUPSC1-05	Spare	1" Shackle	8.5 Tons		
GUPSC1-06	Spare	1" Shackle	8.5 Tons		
GUPSC1-07	Spare	1" Shackle	8.5 Tons		
GUPSC1-08	Spare	1" Shackle	8.5 Tons		
GUPSC½-25	Spare	½" G-2130 Shackle	2 Ton		
GUPSC½-26	Spare	½" G-2130 Shackle	2 Ton		
GUPSC½-27	Spare	½" G-2130 Shackle	2 Ton		
GUPSC½-28	Spare	½" G-2130 Shackle	2 Ton		
GUPHR-01	Spare	3/8" Swivel Hoist Rings	.5 Ton		
GUPHR-02	Spare	3/8" Swivel Hoist Rings	.5 Ton		
GUPHR-03	Spare	3/8" Swivel Hoist Rings	.5 Ton		
GUPHR-04	Spare	3/8" Swivel Hoist Rings	.5 Ton		
GUPHR-05	Spare	3/8" Swivel Hoist Rings	.5 Ton		
GUPHR-06	Spare	3/8" Swivel Hoist Rings	.5 Ton		
GUPHR-07	Spare	3/8" Swivel Hoist Rings	.5 Ton		
GUPHR-08	Spare	3/8" Swivel Hoist Rings	.5 Ton		
GUPHR-09	Spare	3/8" Swivel Hoist Rings	.5 Ton		
GUPHR-10	Spare	3/8" Swivel Hoist Rings	.5 Ton		
GUPHR-11	Spare	3/8" Swivel Hoist Rings	.5 Ton		
GUPHR-12	Spare	3/8" Swivel Hoist Rings	.5 Ton		
GUPSB41-01	Spare	Spreader Bar	30 Ton		
GUPSB41-03	Spare	Spreader Bar	30 Ton		
GUPSB16-01	Spare	Spreader Bar	30 Ton		
N/A	LIFT EYE	SGSF Lifting Eyes (4ea)	26.25 Tons		
GUPSC-01	Spare	1.25 inch shackel 12 TONS	12 Tons		

SECTION J - Attachment I
List 4: Insallation-Accountable Government Property (IAGP)

Serial No.	Kit No.	Item Description	Capacity		
GUPSC-02	Spare	1.25 inch shackel 12 TONs	12 Tons		
GUPSC-03	Spare	1.25 inch shackel 12 TONs	12 Tons		
GUPSC-04	Spare	1.25 inch shackel 12 TONs	12 Tons		
GUPCH-1		Chain Hoist	1.5		
GUPCH-2		Chain Hoist	1.5		
GUPCH-3		Cable Hoist	0.5		
GUPCH-4		Cable Hoist	0.5		
M200433		Torque Wrench	600 ft.lb.		
M171563		Torque Wrench	400 ft.lb.		
M171562		Torque Wrench	150 ft.lb.		
M204513		Torque Wrench	150 ft.lb.		
M172897		Load Cell			
M172898		Load Cell			
M172899		Load Cell			
SN9705200934		Electric Data Recorder (EDR)			
SN9705200935		Electric Data Recorder (EDR)			
SN9705200936		Electric Data Recorder (EDR)			
1995503		Scissor Lift 14400 #1			
1995504		Scissor Lift 14405 #2			
1986973		Scissor Lift 14403 #3			
1986974		Scissor Lift 14404 #4			
1921952		CLT Loader #1 NA 8854	27.5 Tons		
1921953		CLT Loader #2 NA 8802	27.5 Tons		
1918633		Rescue Loader NASA NA 8889	27.55 Tons		
1918634		PED 100 Loader NA 8896	11 Tons		
1922113	SGSF301	Super Guppy Shipping Fixture (SGSF)	26.25 Tons		
1918257		SGFS Trailer Adapter NA8746 (FBTA)	26.25 Tons		
1918219		SGFS Trailer Adapter NA8740 (FBTB)	26.25 Tons		
1872673		Generator, Power Plant			
1922114		Generator, ECS			
1922115		Generator, ECS			
1922116		Generator, ECS			
1922117		Generator, ECS			
1984697		Cargo Pallet, Super Guppy			
1984767		Cargo Pallet, Super Guppy			
1984884		Cargo Pallet, Super Guppy			
1988755		Payload Strongback STE			
2081120		Pallet, Guppy Cargo Handling			
Miscellaneous items to support the Guppy (i.e. tools, tiedowns, lifting beams)					

SECTION J - Attachment I
List 4: Insallation-Accountable Government Property (IAGP)

Serial No.	Kit No.	Item Description	Capacity		

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 941	3. EFFECTIVE DATE Same as Block 16c BJ3/T40	4. REQUISITION/PURCHASE REQ. NO. See next page	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058 281-483-4214/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) CODE Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)

DynCorp Technical Services, LLC
Attn: DYNCOSS/Michael D. Dallas, Program Manager
2101 NASA Road One
Houston, TX 77058

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$1,114,641.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13. Increase the amount available for funding purposes (as shown on page 3) by \$1,114,641.00 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Valerie A. Marburger</u> (Signature of Contracting Officer)	16C. DATE SIGNED 8/20/03

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 171-4 is \$13,382,310.11 as of August 20, 2003.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$15,463,989.10."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$1,133,355.00. The maximum available award fee, excluding base fee, if any, is \$45,333.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$1,319,088.00. This allotment covers Task Orders 800 through 800-11 as of August 20, 2003.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$1,300,922.09. An additional amount of \$52,245.00 is obligated under this contract for payment of fee, for a total of \$1,353,167.09."

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$14,390,482.19
This Action	\$1,070,986.00
	(\$1,358.00) * Subtraction: Transfer to Annex 13 from PR#4200022721
	\$5,378.91 * Addition: Transfer from Annex 13
	(\$1,500.00) * Subtraction: Transfer to Annex 13 from PR#4200022721
New Obligation	\$15,463,989.10

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$1,261,467.00	\$50,566.00	\$1,312,033.00	
This Action	\$41,976.00	\$1,679.00	\$43,655.00	
	\$1,358.00	\$0.00	\$1,358.00	* Addition: Transfer from Annex 6
	(\$5,378.91)	\$0.00	(\$5,378.91)	* Subtraction: Transfer to Annex 6 PR#01347DX1-002
	<u>\$1,500.00</u>	<u>\$0.00</u>	<u>\$1,500.00</u>	* Addition: Transfer from Annex 6
New Obligation	\$1,300,922.09	\$52,245.00	\$1,353,167.09	

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$62,941,338.31	\$1,664,092.96	\$64,605,431.27
This Action	<u>\$1,112,962.00</u>	<u>\$1,679.00</u>	<u>\$1,114,641.00</u>
New Obligation	\$64,054,300.31	\$1,665,771.96	\$65,720,072.27

ANNEX 6	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200023350	\$3,588.00
4200023422	\$11,988.00
4200025750	\$143,903.00
4200027244	\$911,507.00
TOTAL	\$1,070,986.00

ANNEX 13			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200025750	\$24,418.00	\$1,679	\$26,097.00
4200027244	\$17,558.00		\$17,558.00
	<u>\$41,976.00</u>	<u>\$1,679</u>	<u>\$43,655.00</u>

TOTAL	\$1,114,641.00
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 940	3. EFFECTIVE DATE Same as Block 16c	4. REQUISITION/PURCHASE REQ. NO. See next page	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058	CODE BJ3/T40 281-483-4214/34173 (fax)	7. ADMINISTERED BY (If other than Item 6) Same as Block 6	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Road One
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Decrease \$65,000.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(X)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13. Decrease the amount available for funding purposes (as shown on page 3) by \$65,000.00 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA BY <u>Valerie A. Marburger</u> (Signature of Contracting Officer)	16C. DATE SIGNED 8/11/03

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 749 is \$13,213,338.35 as of August 5, 2003.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$14,390,482.19."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$1,062,943.00. The maximum available award fee, excluding base fee, if any, is \$42,517.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$1,105,460.00. This allotment covers Task Orders 800 through 1403 as of July 29, 2003.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$1,261,467.00. An additional amount of \$50,566.00 is obligated under this contract for payment of fee, for a total of \$1,312,033.00."

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$14,470,482.19
This Action	\$85,000.00
	(\$165,000.00)*Note: Subtraction due to the deobligation of funds from PR#4200022721
New Obligation	\$14,390,482.19

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$1,247,044.00	\$49,989.00	\$1,297,033.00
This Action	\$14,423.00	\$577.00	\$15,000.00
New Obligation	\$1,261,467.00	\$50,566.00	\$1,312,033.00

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$63,006,915.31	\$1,663,515.96	\$64,670,431.27
This Action	-\$65,577.00	\$577.00	-\$65,000.00
New Obligation	\$62,941,338.31	\$1,664,092.96	\$64,605,431.27

ANNEX 6	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200024543	\$85,000.00
TOTAL	\$85,000.00

ANNEX 13			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200024543	\$14,423.00	\$577	\$15,000.00
	\$14,423.00	\$577	\$15,000.00

TOTAL	\$100,000.00
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. 939	3. EFFECTIVE DATE Same as Block 16c	4. REQUISITION/PURCHASE REQ. NO. See next page	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058	CODE BJ3/T40 281-483-4214/34173 (fax)	7. ADMINISTERED BY (If other than Item 6) Same as Block 6	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Road One
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$4,154,584.63

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.


14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13.

Increase the amount available for funding purposes (As shown on page 3) by \$4,154,584.63 and recapitulate prior funding. See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 7/28/03

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 725 is \$12,923,053.35 as of July 23, 2003.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$14,470,482.19."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$1,062,792.00. The maximum available award fee, excluding base fee, if any, is \$42,511.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$1,105,303.00. This allotment covers Task Orders 800 through 800-10 as of July 16, 2003.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$1,247,044.00. An additional amount of \$49,989.00 is obligated under this contract for payment of fee, for a total of \$1,297,033.00."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$41,661,130.76. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through September 30, 2003.

(b) An additional amount of \$1,613,526.96 is obligated under this contract for payment of fee."

D. Section H.3 is replaced in its entirety with the following:

**"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)**

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$4,884,258.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$13,786,215.19	
This Action	\$683,337.00	
	(\$151.00)	*Subtraction: Transfer to Annex 13 (PR#4200012901)
	\$1,755.00	*Addition: Transfer from Annex 13
	\$3,326.00	*Addition: Transfer from Annex 13
	<u>(\$4,000.00)</u>	*Subtraction: Transfer to Annex 13 (PR#01347DX1-002)
New Obligation	\$14,470,482.19	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$1,232,974.00	\$47,586.00	\$1,280,560.00	
This Action	\$15,000.00	\$2,403.00	\$17,403.00	
	\$151.00	\$0.00	\$151.00	*Addition: Transfer from Annex 6
	(\$1,755.00)	\$0.00	(\$1,755.00)	*Subtraction: Transfer to Annex 6 (PR#4200012901)
	(\$3,326.00)	\$0.00	(\$3,326.00)	*Subtraction: Transfer to Annex 6 (PR#4200010761)
	<u>\$4,000.00</u>	<u>\$0.00</u>	<u>\$4,000.00</u>	*Addition: Transfer from Annex 6
New Obligation	\$1,247,044.00	\$49,989.00	\$1,297,033.00	

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$38,917,049.38	\$1,503,763.70	\$40,420,813.08
This Action	<u>\$2,744,081.38</u>	<u>\$109,763.26</u>	<u>\$2,853,844.63</u>
New Obligation	\$41,661,130.76	\$1,613,526.96	\$43,274,657.71

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$4,284,258.36
This Action	<u>\$600,000.00</u>
New Obligation	\$4,884,258.36

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$58,964,496.93	\$1,551,349.70	\$60,515,846.63
This Action	<u>\$4,042,418.38</u>	<u>\$112,166.26</u>	<u>\$4,154,584.63</u>
New Obligation	\$63,006,915.31	\$1,663,515.96	\$64,670,431.27

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200022721	\$649,841.00
4200022605	\$8,282.00
4200022602	\$650.00
4200022606	\$15,187.00
4200022357	\$9,377.00
TOTAL	\$683,337.00

B.4.1

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200022721	\$15,000.00	\$0	\$15,000.00
4200022565	\$0.00	\$2,403	\$2,403.00
	\$15,000.00	\$2,403	\$17,403.00

B.51

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200022565	\$2,853,844.63			
		<u>Estimated Costs</u>	<u>Award Fee</u>	<u>Total</u>
TOTAL	\$2,853,844.63	\$2,744,081.38	\$109,763.26	\$2,853,844.63

B.6

<u>FIXED PRICE</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200022651	\$600,000.00
TOTAL	\$600,000.00

H.3.

TOTAL	\$4,154,584.63
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056	PAGE OF PAGES 1 6
2. AMENDMENT/MODIFICATION NO. 937	3. EFFECTIVE DATE Same as Block 16c	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Road 1 Houston, TX 77058	CODE BJ3/T57 281-244-2492/34173 (fax)	7. ADMINISTERED BY (If other than Item 6) Same as Block 6	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Road 1
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

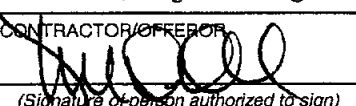
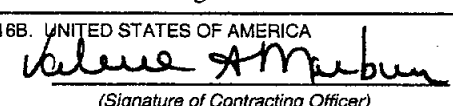
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate changes into the Contract as shown on Page 2. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Michael Dallas, Program Manager	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 8/18/03
16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 8/19/03

B. Add the following two full text clauses to Section F "III. Full Text Clauses":

"F.7 **FLIGHT ITEM** (JSC 52.247-95) (SEP 1989)

Block 16 of each Department of Defense Form 250 prepared for hardware or equipment to be shipped under this contract must be annotated as follows in 1/4-inch letters or larger by hand printing or rubber stamp:

"THIS IS A FLIGHT ITEM: OR "THIS IS MISSION ESSENTIAL GROUND SUPPORT EQUIPMENT," as applicable.

(End of clause)"

"F.8 **BILLS OF LADING** (1852.247-73) (JUNE 2002)

The purpose of this clause is to define when a commercial bill of lading or a government bill of lading is to be used when shipments of deliverable items under this contract are f.o.b. origin.

(a) Commercial Bills of Lading. All domestic shipments shall be made via commercial bills of lading (CBLs). The Contractor shall prepay domestic transportation charges. The Government shall reimburse the Contractor for these charges if they are added to the invoice as a separate line item supported by the paid freight receipts. If paid receipts in support of the invoice are not obtainable, a statement as described below must be completed, signed by an authorized company representative, and attached to the invoice.

"I certify that the shipments identified below have been made, transportation charges have been paid by (company name), and paid freight or comparable receipts are not obtainable.

Contract or Order Number: _____

Destination: _____".

(b) Government Bills of Lading. (1) International (export) and domestic overseas shipments of items deliverable under this contract shall be made by Government bills of lading (GBLs). As used in this clause, "domestic overseas" means non-continental United States, i.e. Hawaii, Commonwealth of Puerto Rico, and possessions of the United States.

(2) At least 15 days before shipment, the Contractor shall request in writing GBLs from: Cindy Ratliff, Transportation Branch, 2101 NASA Road One, Mail Code JB7, Houston, TX 77058. If time is limited, requests may be by telephone: 281-483-3208. Requests for GBLs shall include the following information.

- (i) Item identification/ description.
- (ii) Origin and destination.
- (iii) Individual and total weights.
- (iv) Dimensional Weight.
- (v) Dimensions and total cubic footage.
- (vi) Total number of pieces.
- (vii) Total dollar value.
- (viii) Other pertinent data.

(End of clause)"

C. Modify the following two Sections to adjust for the addition of the above added clauses:

"F.7 LISTING OF CLAUSES INCORPORATED BY REFERENCE" to "F.9 LISTING OF CLAUSES INCORPORATED BY REFERENCE"

"F.8 LISTING OF CLAUSES INCORPORATED BY REFERENCE" to "F.10 LISTING OF CLAUSES INCORPORATED BY REFERENCE"

D. Add the following two clauses to Section I.1 "LISTING OF CLAUSES INCORPORATED BY REFERENCE":

52.228-7	Mar 1996	Insurance -- Liability to Third Persons (Cost Reimbursable)
52.247-1	Apr 1984	Commercial Bill of Lading Notations (Cost Reimbursable) (Valerie A. Marburger)

E. Add the following full text clause to Section I:

"I.15 SUBMISSION OF COMMERCIAL TRANSPORTATION BILLS TO THE GENERAL SERVICES ADMINISTRATION FOR AUDIT (52.247-67) (JUNE 1997)"

(a)(1) In accordance with paragraph (a)(2) of this clause, the Contractor shall submit to the General Services Administration (GSA) for audit, legible copies of all paid freight bills/invoices, commercial bills of lading (CBL's), passenger coupons, and other supporting documents for transportation services on which the United States will assume freight charges that were paid-

(i) By the Contractor under a cost-reimbursement contract; and

(ii) By a first-tier subcontractor under a cost-reimbursement subcontract thereunder.

(2) Cost-reimbursement Contractors shall only submit for audit those CBL's with freight shipment charges exceeding \$50.00. Bills under \$50.00 shall be retained on-site by the Contractor and made available for GSA on-site audits. This exception only applies to freight shipment bills and is not intended to apply to bills and invoices for any other transportation services.

(b) The Contractor shall forward copies of paid freight bills/invoices, CBL's, passenger coupons, and supporting documents as soon as possible following the end of the month, in one package to the:

General Services Administration
Attn: FWA
1800 F Street, NW
Washington, DC 20405.

The Contractor shall include the paid freight bills/invoices, CBL's, passenger coupons, and supporting documents for first-tier subcontractors under a cost-reimbursement contract. If the inclusion of the paid freight bills/invoices, CBL's, passenger coupons, and supporting documents for any subcontractor in the shipment is not practicable, the documents may be forwarded to GSA in a separate package.

(c) Any original transportation bills or other documents requested by GSA shall be forwarded promptly by the Contractor to GSA. The Contractor shall ensure that the name of the contracting agency is stamped or written on the face of the bill before sending it to GSA.

(d) A statement prepared in duplicate by the Contractor shall accompany each shipment of transportation documents.

GSA will acknowledge receipt of the shipment by signing and returning the copy of the statement. The statement shall show-

- (1) The name and address of the Contractor;
- (2) The contract number including any alpha-numeric prefix identifying the contracting office;
- (3) The name and address of the contracting office;
- (4) The total number of bills submitted with the statement; and
- (5) A listing of the respective amounts paid or, in lieu of such listing, an adding machine tape of the amounts paid showing the Contractor's voucher or check numbers.

(End of clause)"

F. Modify the following four Sections to adjust for the addition of the above added clause:

"I.15 LISTING OF CLAUSES INCORPORATED BY REFERENCE" to "I.16 LISTING OF CLAUSES INCORPORATED BY REFERENCE"

"I.16 BUY AMERICAN ACT -BALANE OF PAYMENTS PROGRAM—CONSTRUCTION MATERIALS" to "I.17 BUY AMERICAN ACT -BALANE OF PAYMENTS PROGRAM—CONSTRUCTION MATERIALS"

"I.17 PATENT IDEMNTY—Construction Contract" to "I.18 PATENT IDEMNTY—Construction Contract"

"I.18 LISTING OF CLAUSES INCORPORATED BY REFERENCE" to "I.19 LISTING OF CLAUSES INCORPORATED BY REFERENCE"

G. Section J-E-72 is replaced in its entirety with the enclosed page to reflect changes for the following:

tive June 30, 2003

H. Modify Section "G.16 INDIRECT COST CEILINGS" Provisional Rates to the following:

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 936		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058 281-483-4214/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Road One
 Houston, TX 77058

CODE (X)		FACILITY CODE	
9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056		10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$1,386,509.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(X)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13.

Increase the amount available for funding purposes (As shown on page 3) by \$1,386,509.00 and recapitulate prior funding.
 See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Valerie A. Marburger</u> (Signature of Contracting Officer)	16C. DATE SIGNED 6/24/03 Jam

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 683 is \$11,370,254.49 as of June 20, 2003.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$13,786,215.19."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$996,998.00. The maximum available award fee, excluding base fee, if any, is \$39,877.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$1,036,875.00. This allotment covers Task Orders 800 through 898-4 as of June 12, 2003.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$1,232,974.00. An additional amount of \$47,586.00 is obligated under this contract for payment of fee, for a total of \$1,280,560.00."

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$12,412,064.19	
This Action	\$1,378,804.00	
	\$1,000.00	* Addition from PR#4200007753 is due to transfer of funds from Annex 13
	<u>(\$5,653.00)</u>	* Subtraction from PR#1347DX1-002 is due to the transfer of funds to Annex 13
New Obligation	\$13,786,215.19	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>	
Prior Obligation	\$1,220,616.00	\$47,586.00	\$1,268,202.00	
This Action	\$7,705.00	\$0.00	\$7,705.00	
	(\$1,000.00)	\$0.00	(\$1,000.00)	* Subtraction due to the transfer of funds to Annex 6
	<u>\$5,653.00</u>	<u>\$0.00</u>	<u>\$5,653.00</u>	* Addition due to the transfer of funds from Annex 6
New Obligation	\$1,232,974.00	\$47,586.00	\$1,280,560.00	

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$57,577,987.93	\$1,551,349.70	\$59,129,337.63
This Action	<u>\$1,386,509.00</u>	<u>\$0.00</u>	<u>\$1,386,509.00</u>
New Obligation	\$58,964,496.93	\$1,551,349.70	\$60,515,846.63

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200014618	\$821.00
4200018172	\$223,582.00
4200018622	\$1,150,000.00
4200013256	\$4,401.00
<hr/>	
TOTAL	\$1,378,804.00

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200018172	\$7,705.00	\$0	\$7,705.00
<hr/>			
	\$7,705.00	\$0	\$7,705.00

TOTAL		\$1,386,509.00
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. 935	3. EFFECTIVE DATE Same as Block 16c BJ3/T40	4. REQUISITION/PURCHASE REQ. NO. See next page	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058 281-483-4214/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) CODE Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Road One
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$803,633.25

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(X)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13.

Increase the amount available for funding purposes (As shown on page 3) by \$803,633.25 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Valerie A. Marburger</u> (Signature of Contracting Officer)	16C. DATE SIGNED 5/23/03

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 501-1 is \$11,005,846.85 as of May 16, 2003.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$12,412,064.19."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$898,690.00. The maximum available award fee, excluding base fee, if any, is \$35,945.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$934,635.00. This allotment covers Task Orders 800 through 868-2 as of May 15, 2003.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$1,220,616.00. An additional amount of \$47,586.00 is obligated under this contract for payment of fee, for a total of \$1,267,202.00."

C. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

(a) For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$744,000.00. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through December 31, 2003."

D. Section H.3 is replaced in its entirety with the following:

**"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)**

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$4,284,258.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>	
Prior Obligation	\$12,010,528.94	*Note: Subtraction of \$1,000 from PR#4200007753 is due to the transfer of funds to Annex 13.
This Action	\$402,535.25	
	<u>-\$1,000.00</u>	
New Obligation	\$12,412,064.19	

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$1,186,968.00	\$47,586.00	\$1,234,554.00
This Action	\$32,648.00	\$0.00	\$32,648.00
	<u>\$1,000.00</u>	<u>\$0.00</u>	<u>\$1,000.00</u>
New Obligation	\$1,220,616.00	\$47,586.00	\$1,268,202.00

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$38,917,049.38	\$1,503,763.70	\$40,420,813.08
This Action	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
New Obligation	\$38,917,049.38	\$1,503,763.70	\$40,420,813.08

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$4,215,808.36
This Action	<u>\$68,450.00</u>
New Obligation	\$4,284,258.36

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$444,000.00
This Action	<u>\$300,000.00</u>
New Obligation	\$744,000.00

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$56,774,354.68	\$1,551,349.70	\$58,325,704.38
This Action	<u>\$803,633.25</u>	<u>\$0.00</u>	<u>\$803,633.25</u>
New Obligation	\$57,577,987.93	\$1,551,349.70	\$59,129,337.63

<u>FIXED PRICE</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200012145	\$68,450.00
TOTAL	\$68,450.00

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200012182	\$9,626.00
4200011731	\$62,980.53
4200011843	\$36,693.00
4200005472	\$36.72
4200005577	\$5,282.00
4200012901	\$234,699.00
4200005331	\$53,218.00
TOTAL	\$402,535.25

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200011400	\$2,786.00	\$0	\$2,786.00
4200012901	\$29,345.00	\$0	\$29,345.00
4200007402	\$517.00	\$0	\$517.00
	\$32,648.00	\$0	\$32,648.00

**Admin Note: Mod 932 deobligated \$1,354 from PR#4200007402.

SAP Reflects this change.

This information was inadvertently not included on Mod 932 PR Sheet.

<u>Supply</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200012248	\$300,000.00	\$0	\$300,000.00
	\$300,000.00	\$0	\$300,000.00

TOTAL	\$803,633.25
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE 1 OF 1
934	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. N/A	5. PROJECT NO. (If	
ISSUED BY	BJ3(T57)	7. ADMINISTERED BY (If other than Item 6)		

NASA Lyndon B. Johnson Space Center
Institutional Business Management Office
Attn: BJ3/Venessa Jankowski
Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
DynCorp Technical Services, LLC
Attn: DYNCOSS/Mike Dallas
2101 NASA Road 1
Houston, TX 77058

CODE	FACILITY CODE
9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for ☐ is extended, ☐ is not
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following

(a) By completing Items 8 and 15, and ☐ Copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).NFS 1852.216-76
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: ☒ is not, ☐ is required to sign this document 0 copies to the issuing office

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where The purpose of this modification is to recognize award fee earned for the second award fee evaluation period: October 1, 2002, to March 31, 2003.

Award Fee Available for Period: \$421,238
Award Fee Earned: \$362,265
Less Provisional Fee Payments: \$272,427
Total to be Paid to DynCorp: \$ 89,838

AWARD FEE PAYMENT

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR	15C. DATE	16B. UNITED STATES OF AMERICA BY <u>Valerie A. Marburger</u>	16C. DATE SIGNED 5/19/03
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105
JSC MS Word (Aug 95)

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA FAR (48 CFR) 53.243

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 933		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Road 1 Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
CODE		BJ3/T57		CODE	
281-244-2492/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Road 1
 Houston, TX 77058

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

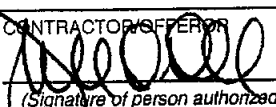
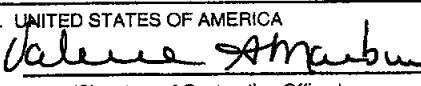
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.	
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22	
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	
d. OTHER (Specify type of modification and authority) X Mutual Agreement of the Parties	

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate changes into the Contract as shown on Page 2. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Michael Dallas, Program Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 5/15/03	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 5/16/03

- A. Section J-C, DRL and Submittals Table of Contents, DRL AN-1-13; change the frequency date from "Annually", to, "Bi-Annually".
- B. Section J-C, DRD, AN-1-13, Frequency, is deleted in its entirety and replaced with the following:
- "FREQUENCY: 30 days after the end of the reporting period."
- C. Section C9, Contract Line Item 9.16.1.2; change the submittal date from; "... within 5 calendar days ...", to, "... within **10** calendar days ..."
- D. Section C9, Contract Line Item 9.16.8.1; change the submittal date from; "... May 1 each year ...", to, "... **June 1** each year ..."
- E. Section C11, "Annex 11 Property and Equipment **Table of Contents**", Contract Line Item 11.4.6.b and 11.4.6.h are both deleted in their entirety and replaced with "Reserved".
- F. Section C11, "Annex 11 Property and Equipment", Contract Line Item 11.4.6.b and 11.4.6.h are both deleted in their entirety and replaced with "Reserved".
- G. Section J-E-72 is replaced in its entirety with the enclosed page to reflect changes for the following:
- Laborers (Local 80) Health & Welfare increase effective April 1, 2003
 - Laborers (Local 80) Other (Training Fund) decrease effective April 1, 2003
 - Pipefitters Health & Welfare increase effective April 1, 2003
 - Plumbers Pension Fund increase effective April 1, 2003
 - Operator, Heavy Equipment wage decrease effective May 1, 2003
 - Operator, Heavy Equipment Health & Welfare increase effective May 1, 2003
 - Sheetmetal Workers wage increase effective April 1, 2003
 - Sheetmetal Workers Pension Fund increase effective April 1, 2003

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. 932	3. EFFECTIVE DATE Same as Block 16c BJ3/T40	4. REQUISITION/PURCHASE REQ. NO. See next page	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058 281-483-4214/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) CODE Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Road One
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$15,986,759.49

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(X)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paving office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

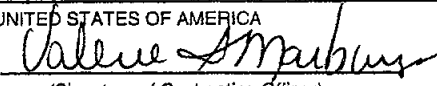
The purpose of this modification is to:

Increase the cumulative amounts for orders under Annexes 6 and 13.

Increase the amount available for funding purposes (As shown on page 3) by \$15,986,759.49 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 4/23/03

A. Section B.4.1. is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 614 is \$10,569,319.62 as of April 17, 2003.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$12,010,528.94."

B. Section B.5.1. is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$866,712.00. The maximum available award fee, excluding base fee, if any, is \$34,664.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$901,376.00. This allotment covers Task Orders 800 through 868-2 as of April 17, 2003.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for task orders is \$1,186,968.00. An additional amount of \$47,586.00 is obligated under this contract for payment of fee, for a total of \$1,229,464.00."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$38,917,049.38. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through August 01, 2003.

(b) An additional amount of \$1,503,763.70 is obligated under this contract for payment of fee."

D. Section H.3 is replaced in its entirety with the following:

**"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)**

(a). Of the total price for phase-in and Annex 7 and 14, the sum of \$4,215,808.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$11,354,185.94
This Action	<u>\$656,343.00</u>
New Obligation	\$12,010,528.94

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$1,054,271.00	\$42,074.00	\$1,091,255.00
This Action	<u>\$132,697.00</u>	<u>\$5,512.00</u>	<u>\$138,209.00</u>
New Obligation	\$1,186,968.00	\$47,586.00	\$1,229,464.00

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$25,044,734.49	\$948,871.10	\$25,993,605.59
This Action	<u>\$13,872,314.89</u>	<u>\$554,892.60</u>	<u>\$14,427,207.49</u>
New Obligation	\$38,917,049.38	\$1,503,763.70	\$40,420,813.08

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$3,450,808.36
This Action	<u>\$765,000.00</u>
New Obligation	\$4,215,808.36

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$41,347,999.79	\$990,945.10	\$42,333,854.89
This Action	<u>\$15,426,354.89</u>	<u>\$560,404.60</u>	<u>\$15,986,759.49</u>
New Obligation	\$56,774,354.68	\$1,551,349.70	\$58,320,614.38

<u>COST REIMBURSABLE</u>				
<u>PR#</u>	<u>\$ AMOUNT</u>			
4200009961	\$14,227,207.49			
4200009924	\$200,000.00			
		Estimated Costs	Award Fee	Total
TOTAL	\$14,427,207.49	\$13,872,314.89	\$554,892.60	\$14,427,207.49

<u>FIXED PRICE</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200009946	\$765,000.00
TOTAL	\$765,000.00

<u>ANNEX 6</u>	
<u>PR#</u>	<u>\$ AMOUNT</u>
4200007356	\$39,000.00
4200009362	\$2,292.00
4200009830	\$74,618.00
4200010761	\$254,983.00
4200010260	\$285,450.00
TOTAL	\$656,343.00

<u>ANNEX 13</u>			
<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200009291	\$31,452.00	\$0	\$31,452.00
4200007356	\$39,000.00	\$0	\$39,000.00
4200010761	\$13,207.00	\$0	\$13,207.00
4200010260	\$49,038.00	\$5,512	\$54,550.00
	\$132,697.00	\$5,512	\$138,209.00

TOTAL	\$15,986,759.49
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 30	
2. AMENDMENT/MODIFICATION NO. 931		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Road 1 Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	
CODE 281-244-2492/34173 (fax)		CODE			

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Road 1
 Houston, TX 77058

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)


	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to 1) replace in its entirety Section J-E-2 with the enclosed page; 2) incorporate the enclosed page changes for the Service Contract Act Wage Determination (1994-2516 Revision 20) and the Davis Bacon Wage Determination (General Decision Number TX020010) into Section J-E for the period of April 1, 2003 – March 31, 2004; and 3) replace in its entirety Section J-E-72 with the enclosed page to reflect increases for the Plumbers Pension Fund effective April 1, 2003.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 3/31/03

NOTICE OF INTENTION TO MAKE
A SERVICE CONTRACT AND RESPONSE TO NOTICE
(See Instructions on Reverse)

1. NOTICE NO.

A2241834

MAIL TO:



Administrator
Wage and Hour Division
U.S. Department of Labor
Washington, D.C. 20210
THRU: NASA/Goddard Space Flight Center
Code 201/Wage Determination Processing

2. Estimated solicitation date (use numerals)

Month Day Year

3. Estimated date bids or proposals to be opened or negotiations begun (use numerals)

Month Day Year

4. Date contract performance to begin (use numerals)
Extension

Month 04 Day 01 Year 03

5. PLACE(S) OF PERFORMANCE

Harris County, Houston, TX

6. SERVICES TO BE PERFORMED (describe)

IV: CenterOperations Support Services
WD Period: 04/01/03 to 03/31/04
NAS 9-01056

7. INFORMATION ABOUT PERFORMANCE

- A. ☒ Services now performed by a contractor B. ☐ Services now performed by Federal employees C. ☐ Services not presently being performed

8. IF BOX A IN ITEM 7 IS MARKED, COMPLETE ITEM 8 AS APPLICABLE

a. Name and address of incumbent contractor

b. Number(s) of any wage determination(s) in incumbent's contract

DynCorp Technical Services

WD 94-2516, WD 73-0023, WD 91-0124

6500 W. Freeway, Suite 600
Fort Worth, TX 76116

WD 99-0135, WD 99-0136

Sub: Call Henry

c. Name(s) of union(s) if services are being performed under collective bargaining agreement(s). Important: Attach copies of current applicable collective bargaining agreements

List of Unions attached (Attachment A)

9. OFFICIAL SUBMITTING NOTICE

SIGNED:

DATE

Connie R. Pritchard

01/27/03

TYPE OR PRINT NAME

TELEPHONE NO.

Connie R. Pritchard
Contract Labor Relations Officer

281-483-4121

10. TYPE OR PRINT NAME AND TITLE OF PERSON TO WHOM RESPONSE IS TO BE SENT AND NAME AND ADDRESS OF DEPARTMENT OR AGENCY, BUREAU, DIVISION, ETC.

NASA Johnson Space Center
Attn: BA2/Connie R. Pritchard
2101 NASA Road One
Houston, TX 77058

RESPONSE TO NOTICE
(by Department of Labor)

- A. ☒ The attached wage determination(s) listed below apply to procurement.

SEE ATTACHED LIST
OF WDS ON THE SF-9PA.

- B. ☐ As of this date, no wage determination applicable to the specified locality and classes of employees is in effect.

- C. ☐ From information supplied, the Service Contract Act does not apply (see attached explanation).

- D. ☐ Notice returned for additional information (see attached explanation).

Signed:

U.S. Department of Labor
MAR 19 2003

(Date)

List of Unions
Attachment A
(SF98 A2241834 - 8c)

1. CBA between prime contractor DynCorp and the International Association of Machinists and Aerospace Workers, Local 1786, District 37, dated October 1, 2001 through September 30, 2004. (WD91-0124)*
2. CBA between subcontractor Call Henry and the International Union of Operating Engineers, Local 347, dated September 1, 2001 through August 31, 2004. (WD99-0135)**
3. CBA between prime contractor DynCorp and the General Presidents' Project Maintenance Agreement, dated July 31, 1997. (WD73-0023) ***
4. CBA between prime contractor DynCorp and the Teamsters, Local 968 (Logistics), dated December 16, 2000 through December 15, 2003. (WD99-0136) ****
5. CBA between prime contractor DynCorp and the Teamsters, Local 968 (Transportation), dated December 16, 2000 through December 15, 2003. (WD03-0052) *****
6. CBA between prime contractor DynCorp and the International Association of Machinists and Aerospace Workers, Local 1786, District 37, dated April 1, 2002 through April 1, 2005. (WD03-0053) *****

(Revised January 2003)

STANDARD FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE 1 NOTICE (Attachment A)	11. Notice No. NASA A2241834
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT <i>D.O.C. Response</i> Harris County, TX, Nonexempt/Nonunion, WD 94-2516, DynCorp, included in the Directory of Occupations <i>1994-2516 1207</i>	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
Library Technician	1	GS-5 \$13.32
Production Control Clerk	3	GS-6 \$14.85
Scheduler Maintenance	2	GS-4 \$11.91
Drafter, I	1	GS-3 \$10.61
Drafter, II	0	GS-4 \$11.91
Drafter, III	5	GS-5 \$13.32
Electronic Technician, Maint., III	1	WG-10 \$19.38
Supply Technician	1	GS-7 \$16.50
Material Coordinator	4	WG-7 \$16.21
Bus Driver	11	WG-7 \$16.21
Service Order Dispatcher	1	GS-4 \$11.91
Personnel Assistant, IV	1	GS-6 \$14.85
Computer Programmer, I	1	GS-4 \$11.91
Secretary, III	1	GS-6 \$14.85
General Clerk, II	1	GS-2 \$9.72
General Clerk, III	2	GS-3 \$10.61
General Clerk, IV	4	GS-4 \$11.91
Word Processor, III	1	GS-5 \$13.32
Accounting Clerk, III	1	GS-4 \$11.91
Harris County, TX, Nonexempt/Union, CBA between IAM&AW, Local 1786, District 37 & DynCorp* <i>D.O.C. Response</i>		
Electrician, Lead* <i>1991-0124 191</i>	1	Per CBA \$23.86
Electrician *	2	Per CBA \$22.86
Cryo/Vac Mechanic, PTI Level 1*	1	Per CBA \$23.86
Cryo/Vac Mechanic *	2	Per CBA \$22.86
Refrigeration Mechanic *	2	Per CBA \$22.86
Reproduction Equipment Mechanic *	0	Per CBA \$22.86
Welder/Systems Mechanic *	2	Per CBA \$22.86
Machine Tool Repairman/Hydraulics *	2	Per CBA \$22.86
Machine Tool Repairman/Hydraulics, Lead *	1	Per CBA \$23.86
Electronic Technician *	1	Per CBA \$22.86
Graphic Equipment Technician *	1	Per CBA \$22.86

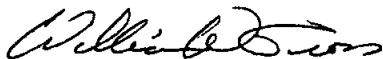
FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE SERVICE CONTRACT AND RESPONSE, NOTICE (Attachment A)	11. Notice No. NASA A2241834
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Union, CBA between IAM&AW, Local 1786, District 37 & DynCorp *	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
- continued -		
Heavy Equipment Mechanic *	0	Per CBA \$22.86
Cooling Tower/Systems Mechanic *	1	Per CBA \$22.86
Crane Maintenance/Systems Mechanic *	2	Per CBA \$22.86
Engine/Generator Mechanic *	1	Per CBA \$22.86
Mechanic/Technician *	1	Per CBA \$22.86
Toolroom Attendant, Lead *	1	Per CBA \$18.29
Harris County, TX, Nonexempt/Union, CBA between IUOE, Local 347 & Subcontractor Call Henry **		
<i>D.O.L. Response</i> <i>1999-0135 (21)</i>		
Chief Operator, B-24 **	4	Per CBA \$23.50
Chief Operator, Field **	4	Per CBA \$23.50
EMCS Operator, B-24 **	5	Per CBA \$23.50
Environmental Operator **	1	Per CBA \$22.50
Lab Technician **	1	Per CBA \$22.90
Operator, B-24 **	4	Per CBA \$22.50
Relief Operator **	11	Per CBA \$22.50
Roving Operator **	4	Per CBA \$22.50
Training Chief Operator **	2	Per CBA \$24.35
Chief Operator, Environmental **	1	Per CBA \$23.50
Harris County, TX, Nonexempt/Union, CBA between AFL-CIO General Presidents Agreement - Bldg Trades & DynCorp ***		
<i>D.O.L. Response</i> <i>1973-0023 (26)</i>		
Iron Worker ***	1	Per CBA \$20.73
Iron Worker, Foreman ***	1	Per CBA \$21.98
Carpenter ***	2	Per CBA \$20.99
Carpenter, Foreman ***	2	Per CBA \$21.99
Laborer ***	10	Per CBA \$15.75
Laborer, Foreman ***	2	Per CBA \$16.80

FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE ; NOTICE (Attachment A)	11. Notice No. NASA A2241834
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Union, CBA between AFL-CIO General President's Agreement – Bldg. Trades & DynCorp ***	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
- continued -		
Material Checker, Foreman ***	1	Per CBA \$18.74
Electrical Lineman ***	2	Per CBA \$23.22
Electrical Lineman, Foreman ***	1	Per CBA \$25.28
Millwright ***	1	Per CBA \$22.99
Millwright, Foreman ***	1	Per CBA \$23.99
Millwright, Foreman PT&I ***	1	Per CBA \$24.99
Pipefitter ***	12	Per CBA \$22.21
Pipefitter, Foreman ***	4	Per CBA \$23.21-23.99
Pipefitter, PT&I***	2	Per CBA \$23.21
Plumber ***	3	Per CBA \$22.27
Plumber, Foreman ***	3	Per CBA \$23.52
Material Checker ***	2	Per CBA \$17.81
Electrician ***	14	Per CBA \$21.60
Electrician, Foreman ***	4	Per CBA \$23.33 – 25.84
Electrician PT&I***	1	Per CBA \$22.60
Insulator, Asbestos Abatement ***	2	Per CBA \$18.29
Insulator, Asbestos Abatement Foreman***	1	Per CBA \$19.29
Driver Truck (Heavy) ***	2	Per CBA \$16.94
Heavy Equipment Operator ***	1	Per CBA \$20.93
Heavy Equipment Operator Foreman***	1	Per CBA \$21.68
Roofer Foreman ***	1	Per CBA \$17.01
Roofer ***	2	Per CBA \$15.88
Painter Foreman ***	1	Per CBA \$15.35
Painter ***	2	Per CBA \$15.10
Harris County, TX Nonexempt/Union, CBA between Teamsters, Local 968 (Logistics) and DynCorp ****		
<i>DOL Response</i> Cataloger **** <i>1999-0136 (3)</i>	1	Per CBA \$14.66
Clerk Typist ****	1	Per CBA \$12.12
Customer Service Clerk ****	3	Per CBA \$12.52

FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE NOTICE (Attachment A)	11. Notice No. NASA A2241834
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Union, CBA between Teamsters, Local 968 (Logistics) and DynCorp *****	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
- continued -		
Inchecker/Warehouse Person *****	3	Per CBA \$13.12 – 13.35
Inspector *****	1	Per CBA \$14.10
Senior Inspector *****	1	Per CBA \$14.37
Furniture Repair/Warehouse Person *****	5	Per CBA \$13.87
Furniture Repair/Warehouse Person, Lead *****	1	Per CBA \$14.17
Storekeeper *****	3	Per CBA \$14.10
Bond Room Storekeeper *****	4	Per CBA \$14.47
Bond Room Storekeeper, Lead *****	1	Per CBA \$15.20
Warehouse Person	5	Per CBA \$13.35
Warehouse Person, Lead (R&U Lead) *****	1	Per CBA \$13.65
Warehouse Person, (B-338)*****	1	Per CBA \$13.45
Supply Clerk *****	1	Per CBA \$12.18
Clerk/Dispatcher *****	2	Per CBA \$11.71 – 11.91
Senior Property Specialist *****	1	Per CBA \$14.90
Property Technician *****	3	Per CBA \$12.52
Property Clerk *****	2	Per CBA \$12.18
Stock Control Clerk *****	2	Per CBA \$12.92
Harris County, TX, Nonexempt/Union, CBA between Teamsters, Local 968 (Transportation) and DynCorp *****		
Bobtail Driver ***** <i>D.O.L. Response</i> <i>2003-0052 11</i>	6	Per CBA \$12.20 – 12.30
Helper *****	4	Per CBA \$11.41 – 11.51
Crater & Flight Packer *****	3	Per CBA \$12.20 – 12.30
Cylinder Truck Driver*****	1	Per CBA \$12.45
Flight Packing Specialist *****	1	Per CBA \$13.20
Flight Packing Specialist, Lead *****	1	Per CBA \$17.90
Tractor Trailer Driver *****	3	Per CBA \$12.30 – 12.60

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1973-0023
Revision No.: 26
Date of Last Revision: 03/19/2003

This wage determination applies at the address(es) below:

Johnson Space Center , Harris County, TX

Employed on NASA contract for maintenance support services.

Collective Bargaining Agreement between DynCorp Technical Services and General Presidents' Project Maintenance Agreement effective March 28, 2002 through March 28, 2007.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1991-0124
Revision No.: 9
Date of Last Revision: 03/19/2003

This wage determination applies at the address(es) below:

Johnson Space Center, Harris County, TX

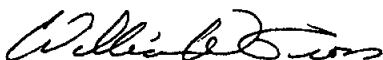
Employed on NASA contract for plant maintenance and operations support services.

Collective Bargaining Agreement between Dyncorp Technical Services, LLC and International Association of Machinists, Aerospace Workers, District No. 37, AFL-CIO, Local Lodge No. 1786 effective April 1, 2002 through September 30, 2004.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1999-0135
Revision No.: 2
Date of Last Revision: 03/19/2003

State: Texas

Area: Texas County of Harris

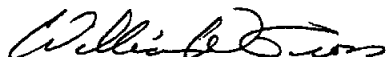
Employed on NASA contract (s) for base operations support services.

Collective Bargaining Agreement between Call Henry, Incorporated and International Union of Operating Engineers, Local No. 347, AFL-CIO effective April 1, 2002 through August 31, 2004.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1999-0136
Revision No.: 3
Date of Last Revision: 03/13/2003

State: Texas

Area: Texas County of Harris

Employed on NASA contract (s) for base operations support services.

Collective Bargaining Agreement between Dyncorp Technical Services, LLC Logistics and Teamsters Local Union No. 968 effective April 1, 2002 through December 15, 2003.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 2003-0052

Revision No.: 1

Date of Last Revision: 03/13/2003

State: Texas

Area: Texas County of Harris

Employed on NASA contract for plant maintenance and center operations support services.

Collective Bargaining Agreement between Dyncorp Technical Services, LLC Transportation and Teamsters Local Union Number 968 effective April 1, 2002 through December 15, 2003.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 2003-0053
Revision No.: 1
Date of Last Revision: 03/13/2003

State: Texas

Area: Texas County of Harris

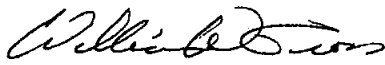
Employed on NASA contract for plant operations and center operations support services.

Collective Bargaining Agreement between Dyncorp Technical Services, LLC and The International Association of Machinists and Aerospace Workers District Lodge 37 Local Lodge 1786 effective April 1, 2002 through March 30, 2005.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1994-2516

Revision No.: 20

Date of Last Revision: 12/11/2002

State: Texas

Area: Texas Counties of Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Grimes, Harris, Houston, Jackson, Lavaca, Liberty, Madison, Matagorda, Montgomery, San Jacinto, Trinity, Walker, Waller, Washington, Wharton

**** Fringe Benefits Required Follow the Occupational Listing ****

CODE	OCCUPATION TITLE	MINIMUM WAGE RATE
01000	Administrative Support and Clerical Occupations	
01011	Accounting Clerk I	11.45
01012	Accounting Clerk II	11.56
01013	Accounting Clerk III	13.47
01014	Accounting Clerk IV	15.29
01030	Court Reporter	15.28
01050	Dispatcher, Motor Vehicle	14.00
01060	Document Preparation Clerk	11.66
01070	Messenger (Courier)	8.97
01090	Duplicating Machine Operator	10.60
01110	Film/Tape Librarian	11.50
01115	General Clerk I	8.55
01116	General Clerk II	9.27
01117	General Clerk III	12.01
01118	General Clerk IV	13.78
01120	Housing Referral Assistant	17.20
01131	Key Entry Operator I	10.63
01132	Key Entry Operator II	13.59
01191	Order Clerk I	12.51
01192	Order Clerk II	12.97
01261	Personnel Assistant (Employment) I	11.92
01262	Personnel Assistant (Employment) II	12.97
01263	Personnel Assistant (Employment) III	16.50
01264	Personnel Assistant (Employment) IV	17.63
01270	Production Control Clerk	16.61
01290	Rental Clerk	13.04
01300	Scheduler, Maintenance	13.56
01311	Secretary I	13.56
01312	Secretary II	15.99
01313	Secretary III	17.46
01314	Secretary IV	20.52
01315	Secretary V	25.36

01320	Service Order Dispatcher	13.30
01341	Stenographer I	10.96
01342	Stenographer II	13.04
01400	Supply Technician	20.52
01420	Survey Worker (Interviewer)	12.96
01460	Switchboard Operator-Receptionist	10.65
01510	Test Examiner	15.99
01520	Test Proctor	15.99
01531	Travel Clerk I	11.09
01532	Travel Clerk II	11.95
01533	Travel Clerk III	12.79
01611	Word Processor I	10.41
01612	Word Processor II	13.04
01613	Word Processor III	16.27

03000 Automatic Data Processing Occupations

03010	Computer Data Librarian	10.89
03041	Computer Operator I	11.43
03042	Computer Operator II	13.86
03043	Computer Operator III	15.74
03044	Computer Operator IV	21.44
03045	Computer Operator V	22.38
03071	Computer Programmer I (1)	19.99
03072	Computer Programmer II (1)	22.16
03073	Computer Programmer III (1)	27.02
03074	Computer Programmer IV (1)	27.62
03101	Computer Systems Analyst I (1)	23.36
03102	Computer Systems Analyst II (1)	27.62
03103	Computer Systems Analyst III (1)	27.62
03160	Peripheral Equipment Operator	12.36

05000 Automotive Service Occupations

05005	Automotive Body Repairer, Fiberglass	19.33
05010	Automotive Glass Installer	18.05
05040	Automotive Worker	19.15
05070	Electrician, Automotive	18.87
05100	Mobile Equipment Servicer	16.32
05130	Motor Equipment Metal Mechanic	20.96
05160	Motor Equipment Metal Worker	19.15
05190	Motor Vehicle Mechanic	20.43
05220	Motor Vehicle Mechanic Helper	15.39
05250	Motor Vehicle Upholstery Worker	18.17
05280	Motor Vehicle Wrecker	19.15
05310	Painter, Automotive	18.87
05340	Radiator Repair Specialist	20.96
05370	Tire Repairer	14.40
05400	Transmission Repair Specialist	20.96

07000 Food Preparation and Service Occupations

	Food Service Worker	6.85
07010	Baker	8.49
07041	Cook I	8.19
07042	Cook II	8.83
07070	Dishwasher	6.51
07130	Meat Cutter	10.30
07250	Waiter/Waitress	6.21
09000	Furniture Maintenance and Repair Occupations	
09010	Electrostatic Spray Painter	16.65
09040	Furniture Handler	11.74
09070	Furniture Refinisher	11.62
09100	Furniture Refinisher Helper	13.74
09110	Furniture Repairer, Minor	15.29
09130	Upholsterer	16.65
11030	General Services and Support Occupations	
11030	Cleaner, Vehicles	6.85
11060	Elevator Operator	6.85
11090	Gardener	9.34
11121	House Keeping Aid I	6.36
11122	House Keeping Aid II	6.46
11150	Janitor	6.85
11210	Laborer, Grounds Maintenance	7.48
11240	Maid or Houseman	6.36
11270	Pest Controller	9.75
11300	Refuse Collector	6.85
11330	Tractor Operator	8.78
11360	Window Cleaner	7.48
12000	Health Occupations	
12020	Dental Assistant	11.75
12040	Emergency Medical Technician (EMT)/Paramedic/Ambulance Driver	11.75
12071	Licensed Practical Nurse I	11.84
12072	Licensed Practical Nurse II	13.30
12073	Licensed Practical Nurse III	14.86
12100	Medical Assistant	11.00
12130	Medical Laboratory Technician	13.30
12160	Medical Record Clerk	12.09
12190	Medical Record Technician	14.56
12221	Nursing Assistant I	7.08
12222	Nursing Assistant II	9.82
12223	Nursing Assistant III	10.62
12224	Nursing Assistant IV	12.40
12250	Pharmacy Technician	13.10
12280	Phlebotomist	13.30
12311	Registered Nurse I	18.41
12312	Registered Nurse II	22.68

12313	Registered Nurse II, Specialist	24.10
12314	Registered Nurse III	28.52
12315	Registered Nurse III, Anesthetist	28.52
12316	Registered Nurse IV	32.67
13000	Information and Arts Occupations	
13002	Audiovisual Librarian	17.14
13011	Exhibits Specialist I	19.15
13012	Exhibits Specialist II	24.55
13013	Exhibits Specialist III	28.72
13041	Illustrator I	17.60
13042	Illustrator II	22.56
13043	Illustrator III	26.40
13047	Librarian	21.17
13050	Library Technician	12.96
13071	Photographer I	13.93
13072	Photographer II	17.60
13073	Photographer III	22.56
13074	Photographer IV	26.40
13075	Photographer V	30.06
15000	Laundry, Dry Cleaning, Pressing and Related Occupations	
15010	Assembler	7.68
15030	Counter Attendant	7.68
15040	Dry Cleaner	8.99
15070	Finisher, Flatwork, Machine	7.68
15090	Presser, Hand	7.68
15100	Presser, Machine, Drycleaning	7.68
15130	Presser, Machine, Shirts	7.68
15160	Presser, Machine, Wearing Apparel, Laundry	7.68
15190	Sewing Machine Operator	9.53
15220	Tailor	10.26
15250	Washer, Machine	8.42
19000	Machine Tool Operation and Repair Occupations	
19010	Machine-Tool Operator (Toolroom)	16.65
19040	Tool and Die Maker	19.20
21000	Material Handling and Packing Occupations	
21010	Fuel Distribution System Operator	16.33
21020	Material Coordinator	16.62
21030	Material Expediter	16.04
21040	Material Handling Laborer	11.72
21050	Order Filler	10.40
21071	Forklift Operator	12.23
21080	Production Line Worker (Food Processing)	12.23
21100	Shipping/Receiving Clerk	11.56
21130	Shipping Packer	12.22
21140	Store Worker I	9.51

21150	Stock Clerk (Shelf Stocker; Store Worker II)	12.42
21210	Tools and Parts Attendant	13.58
21400	Warehouse Specialist	11.70
23000	Mechanics and Maintenance and Repair Occupations	
23010	Aircraft Mechanic	19.17
23040	Aircraft Mechanic Helper	14.94
23050	Aircraft Quality Control Inspector	20.02
23060	Aircraft Servicer	16.62
23070	Aircraft Worker	17.51
23100	Appliance Mechanic	16.65
23120	Bicycle Repairer	13.91
23125	Cable Splicer	17.57
23130	Carpenter, Maintenance	17.01
23140	Carpet Layer	15.92
23160	Electrician, Maintenance	21.13
23181	Electronics Technician, Maintenance I	13.36
23182	Electronics Technician, Maintenance II	19.02
23183	Electronics Technician, Maintenance III	22.33
23260	Fabric Worker	15.00
23290	Fire Alarm System Mechanic	17.43
23310	Fire Extinguisher Repairer	14.40
23340	Fuel Distribution System Mechanic	17.43
23370	General Maintenance Worker	15.46
23400	Heating, Refrigeration and Air Conditioning Mechanic	17.43
23430	Heavy Equipment Mechanic	17.43
23440	Heavy Equipment Operator	17.43
23460	Instrument Mechanic	17.43
23470	Laborer	8.02
23500	Locksmith	16.65
23530	Machinery Maintenance Mechanic	18.42
23550	Machinist, Maintenance	20.16
23580	Maintenance Trades Helper	13.58
23640	Millwright	17.43
23700	Office Appliance Repairer	16.65
23740	Painter, Aircraft	16.65
23760	Painter, Maintenance	16.65
23790	Pipefitter, Maintenance	19.33
23800	Plumber, Maintenance	17.15
23820	Pneudraulic Systems Mechanic	17.43
23850	Rigger	17.43
23870	Scale Mechanic	15.92
23890	Sheet-Metal Worker, Maintenance	17.43
23910	Small Engine Mechanic	15.92
23930	Telecommunication Mechanic I	17.43
23931	Telecommunication Mechanic II	18.20
23950	Telephone Lineman	17.43
23960	Welder, Combination, Maintenance	17.43
23965	Well Driller	17.43

23970	Woodcraft Worker	17.43
23980	Woodworker	9.12
24000	Personal Needs Occupations	
24570	Child Care Attendant	9.68
24580	Child Care Center Clerk	12.06
24600	Chore Aid	6.13
24630	Homemaker	15.41
25000	Plant and System Operation Occupations	
25010	Boiler Tender	19.18
25040	Sewage Plant Operator	17.00
25070	Stationary Engineer	19.18
25190	Ventilation Equipment Tender	13.58
25210	Water Treatment Plant Operator	16.65
27000	Protective Service Occupations	
	Police Officer	19.38
27004	Alarm Monitor	12.43
27006	Corrections Officer	18.04
27010	Court Security Officer	18.04
27040	Detention Officer	18.04
27070	Firefighter	17.30
27101	Guard I	9.11
27102	Guard II	17.90
28000	Stevedoring/Longshoremen Occupations	
28010	Blocker and Bracer	15.13
28020	Hatch Tender	15.13
28030	Line Handler	15.13
28040	Stevedore I	13.63
28050	Stevedore II	15.01
29000	Technical Occupations	
21150	Graphic Artist	21.01
29010	Air Traffic Control Specialist, Center (2)	30.81
29011	Air Traffic Control Specialist, Station (2)	21.24
29012	Air Traffic Control Specialist, Terminal (2)	23.39
29023	Archeological Technician I	19.34
29024	Archeological Technician II	21.66
29025	Archeological Technician III	26.79
29030	Cartographic Technician	24.63
29035	Computer Based Training (CBT) Specialist/ Instructor	23.36
29040	Civil Engineering Technician	22.56
29061	Drafter I	15.37
29062	Drafter II	15.85
29063	Drafter III	20.90
29064	Drafter IV	26.79
29081	Engineering Technician I	14.00

29082	Engineering Technician II	17.40
29083	Engineering Technician III	20.25
29084	Engineering Technician IV	25.71
29085	Engineering Technician V	33.57
29086	Engineering Technician VI	38.16
29090	Environmental Technician	22.51
29100	Flight Simulator/Instructor (Pilot)	29.50
29160	Instructor	19.88
29210	Laboratory Technician	14.85
29240	Mathematical Technician	28.04
29361	Paralegal/Legal Assistant I	16.69
29362	Paralegal/Legal Assistant II	20.05
29363	Paralegal/Legal Assistant III	24.96
29364	Paralegal/Legal Assistant IV	25.98
29390	Photooptics Technician	22.51
29480	Technical Writer	20.66
29491	Unexploded Ordnance (UXO) Technician I	19.58
29492	Unexploded Ordnance (UXO) Technician II	23.69
29493	Unexploded Ordnance (UXO) Technician III	29.96
29494	Unexploded (UXO) Safety Escort	19.58
29495	Unexploded (UXO) Sweep Personnel	19.58
29620	Weather Observer, Senior (3)	19.83
29621	Weather Observer, Combined Upper Air and Surface Programs (3)	16.35
29622	Weather Observer, Upper Air	16.35
31000	Transportation/ Mobile Equipment Operation Occupations	
31030	Bus Driver	13.90
31260	Parking and Lot Attendant	7.36
31290	Shuttle Bus Driver	9.82
31300	Taxi Driver	8.01
31361	Truckdriver, Light Truck	9.96
31362	Truckdriver, Medium Truck	13.88
31363	Truckdriver, Heavy Truck	14.42
31364	Truckdriver, Tractor-Trailer	14.85
99000	Miscellaneous Occupations	
99020	Animal Caretaker	7.44
99030	Cashier	7.89
99041	Carnival Equipment Operator	8.88
99042	Carnival Equipment Repairer	9.34
99043	Carnival Worker	6.85
99050	Desk Clerk	9.68
99095	Embalmer	17.81
99300	Lifeguard	10.29
99310	Mortician	19.59
99350	Park Attendant (Aide)	12.92
99400	Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	8.62
99500	Recreation Specialist	13.40

99510	Recycling Worker	10.11
99610	Sales Clerk	10.30
99620	School Crossing Guard (Crosswalk Attendant)	6.85
99630	Sport Official	8.62
99658	Survey Party Chief (Chief of Party)	16.22
99659	Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	14.03
99660	Surveying Aide	11.10
99690	Swimming Pool Operator	11.84
99720	Vending Machine Attendant	9.86
99730	Vending Machine Repairer	11.84
99740	Vending Machine Repairer Helper	10.11

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$2.56 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as numbered):

1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4.156)

2) **APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL:** An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

3) **WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY:** If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the

employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** NOTES APPLYING TO THIS WAGE DETERMINATION ****

Source of Occupational Title and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by the Third Supplement, dated March 1997, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

GENERAL DECISION TX020010 03/07/2003 TX10

Date: March 7, 2003

General Decision Number TX020010

Superseded General Decision No. TX010010

State: TEXAS

Construction Type:
BUILDING

County(ies):
GALVESTON HARRIS

BUILDING CONSTRUCTION PROJECTS (does not include single family homes & apartments up to & including 4 stories). (Use current highway general wage determination for Paving & Utilities incidental to Building Construction for Galveston (excluding Galveston Island) & Harris Cos.) (DOES NOT APPLY TO ANY WORK ON TREATMENT PLANT SITES IN HARRIS CO.)

Modification Number	Publication Date
0	03/01/2002
1	03/29/2002
2	04/05/2002
3	05/10/2002
4	06/07/2002
5	06/14/2002
6	07/05/2002
7	01/24/2003
8	03/07/2003

COUNTY(ies):
GALVESTON HARRIS

ASBE0022A 06/01/1999

	Rates	Fringes
INSULATOR/ASBESTOS WORKERS (includes application of all insulationg materials, protec- tive coverings, coatings and finishing to all types of mechanical systems)	17.59	5.75

BRTX0001A 05/15/2001

	Rates	Fringes
GALVESTON COUNTY		
BRICKLAYERS & STONEMASONS	17.60	4.79

BRTX0007A 01/01/1999

	Rates	Fringes
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HARRIS COUNTY

BRICKLAYERS & STONEMASONS	15.55	4.65
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ELEV0031A 06/29/2002

	Rates	Fringes
ELEVATOR MECHANICS	23.88	7.455+a

FOOTNOTES:

a.- Employer contributes 8% of basic hourly rate for over 5 years' service and 6% of basic hourly rate for 6 months to 5 years' service as Vacation Pay Credit. Paid Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Friday after Thanksgiving Day; Christmas Day.

ENGI0450E 04/01/2001

	Rates	Fringes
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POWER EQUIPMENT OPERATORS:

GALVESTON COUNTY

Cranes	19.81	3.89
Forklifts	19.81	3.89

HARRIS COUNTY

Crane	18.34	4.65
Forklifts	18.34	4.65

FOOTNOTE: +1.00 per hour differential paid to all certified tower crane operators and all certified crane operators of 100 tons capacity and over

* IRON0084A 06/01/2002

	Rates	Fringes
IRONWORKERS	18.12	4.50

PAIN1008A 07/01/2001

	Rates	Fringes
GLAZIERS	17.60	4.59

PAIN1008D 06/01/2001

	Rates	Fringes
SOFT FLOOR LAYERS	15.75	3.44

PLAS0079A 07/01/2000

	Rates	Fringes
PLASTERERS	15.79	4.275

PLUM0068A 04/01/2002	Rates	Fringes
PLUMBERS	23.43	5.80

PLUM0211A 04/01/2002	Rates	Fringes
PIPEFITTERS (including HVAC WORK)	22.21	7.85

SFTX0669A 01/01/2003	Rates	Fringes
SPRINKLER FITTERS	23.87	6.60

SHEE0054A 04/01/2001	Rates	Fringes
SHEET METAL WORKERS (Including HVAC Duct Work)	21.30	5.69

SUTX1082A 04/01/1989	Rates	Fringes
CARPENTERS:		
Excluding Drywall Hangers and Acoustical Ceiling	13.45	2.42
Acoustical Ceiling Installation Only	12.65	
Drywall Hanging Only	10.99	
CEMENT MASONS	13.43	2.18

ELECTRICIANS (Including Low Voltage Work)	14.68	3.83
LABORERS, Unskilled	7.20	
PAINTERS (Including Drywall Finishers)	12.02	3.30
POWER EQUIPMENT OPERATORS:		
Backhoes	11.79	
Front End Loaders	12.17	
ROOFERS	10.94	
TILE SETTERS	14.41	
TRUCK DRIVERS	10.63	

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(ii)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be

prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

- 4.) All decisions by the Administrative Review Board are final.
END OF GENERAL DECISION

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 930		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058		CODE BJ3/T40		5. PROJECT NO. (If applicable)	
281-483-4214/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Road One
 Houston, TX 77058

CODE (x)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$1,361,924.40

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders previously obligated under Annexes 6 and 13.

Increase the amount available for funding purposes (As shown on page 3) by \$1,361,924.40 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Valerie A. Marburger</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>3/27/03</u>

A. Section B.4.1. is replaced in its entirety with the following:

The following contract clause entitled "CUMULATIVE DELIVERY ORDERS (ANNEX 6) identifies the total fixed price to be paid to the contractor for acceptable performance of all services described in issued delivery orders along with the funding level. Paragraph a will be updated on a periodic basis to reflect the value of issued delivery orders. Paragraph b represents the funding level and will be updated on a periodic basis to increase the funding level. These delivery orders are not subject to the Limitation of Funds Clause.

B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 542 is \$9,766,959.02 as of March 18, 2003.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$11,360,629.94.

B. Section B.5.1. is replaced in its entirety with the following:

The following contract clause entitled "CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13) identifies the estimated cost/award fee and funding for task orders issued under Annex 13. Paragraph a will be updated on a periodic basis to reflect the value of issued task orders. Paragraph b represents the funding level and will be updated on a periodic basis to increase the funding level. The IDIQ Value identified on each task order represents the amount subject to the Limitation of Funds Clause.

B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$801,523.00. The maximum available award fee, excluding base fee, if any, is \$32,056.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$833,579.00. This allotment covers Task Orders 800 through 1369/D69 as of March 18, 2003.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 800 through 1369/D69 is \$1,049,181.00. An additional amount of \$42,074.00 is obligated under this contract for payment of fee, for a total of \$1,091,255.00.

FUNDING RECAPITULATION:

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$10,135,228.54
This Action	<u>\$1,225,401.40</u>
New Obligation	\$11,360,629.94

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$917,909.00	\$36,823.00	\$954,732.00
This Action	<u>\$131,272.00</u>	<u>\$5,251.00</u>	<u>\$136,523.00</u>
New Obligation	\$1,049,181.00	\$42,074.00	\$1,091,255.00

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$39,992,680.39	\$985,694.10	\$40,978,374.49
This Action	<u>\$1,356,673.40</u>	<u>\$5,251.00</u>	<u>\$1,361,924.40</u>
New Obligation	\$41,349,353.79	\$990,945.10	\$42,340,298.89

ANNEX 6

<u>PR#</u>	<u>\$ AMOUNT</u>
4200005318	\$3,761.00
4200005369	\$474.08
4200005386	\$7.12
4200005387	\$15,505.00
4200005395	\$802.00
4200005404	\$203,501.30
4200005405	\$62,215.00
4200005409	\$79.74
4200005410	\$13.00
4200005426	\$84.16
4200006700	\$439,749.00
4200006998	\$48,032.00
4200007359	\$6,270.00
4200007402	\$6,444.00
4200007753	\$417,009.00
4200008053	\$16,452.00
4200008064	\$5,003.00
	\$1,225,401.40

ANNEX 13

<u>PR#</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
4200007753	\$76,272.00	\$0	\$76,272.00
4200006700	\$55,000.00	\$5,251	\$60,251.00
	\$131,272.00	\$5,251	\$136,523.00

TOTAL \$1,361,924.40

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 929		3. EFFECTIVE DATE Same as Block 16c BJ3/T57		4. REQUISITION/PURCHASE REQ. NO. N/A	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Venessa Jankowski 2101 NASA Road 1 Houston, TX 77058 281-244-2492/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Road 1
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

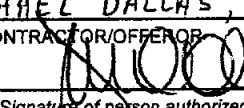
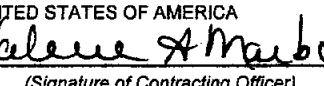
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate changes into the Contract as shown on Page 2. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) MICHAEL DALLAS, PROGRAM MANAGER		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 3/17/03	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 3/21/03

A. Section J-C, Table of Contents, **DRL**, AN-1-17, Frequency is changed to Bi-Annually.

B. Section J-C, Table of Contents, **DRD**, AN-1-17, Frequency is changed to Bi-Annually.

C. Section J-C, **DRL**, AN-1-17, Block 3. Frequency is changed to Bi-Annually; Block 5. 1st Submission Date is changed to October 20.

D. Section J-C, **DRD**, AN-1-17, Submission Frequency, is deleted in its entirety and replaced with the following:

"SUBMISSION FREQUENCY: The report shall be submitted by April 20 and October 20 of each contract year reflecting the data for the previous 6 months."

E. Section J-C, **DRD**, AN-1-5, Submission Frequency, is deleted in its entirety and replaced with the following:

"SUBMISSION FREQUENCY: The report is due quarterly of the Fiscal Year. Due date is 30 days following the end of the previous quarter."

F. Section J-E-72 is replaced in its entirety with the enclosed page to reflect increases for Electrical Lineman's Health & Welfare effective January 1, 2003 and the Asbestos Workers Wages and Benefits effective March 3, 2003.

G. Section I.13 is deleted in its entirety and replaced with the following:

"I.13 OMBUDSMAN (1852.215-84) (JUNE 2000)

(a) An ombudsman has been appointed to hear and facilitate the resolution of concerns from offerors, potential offerors, and contractors during the preaward and postaward phases of this acquisition. When requested, the ombudsman will maintain strict confidentiality as to the source of the concern. The existence of the ombudsman is not to diminish the authority of the contracting officer, the Source Evaluation Board, or the selection official. Further, the ombudsman does not participate in the evaluation of proposals, the source selection process, or the adjudication of formal contract disputes. Therefore, before consulting with an ombudsman, interested parties must first address their concerns, issues, disagreements, and/or recommendations to the contracting officer for resolution.

(b) If resolution cannot be made by the contracting officer, interested parties may contact the installation ombudsman:

Susan H. Garman, Associate Director
(Management)
Lyndon B. Johnson Space Center
Mail Code: AC
2101 NASA Road 1
Houston, TX 77058
Phone: 281-483-0490, Fax: 281-483-2200
Email: susan.h.garman@nasa.gov

Concerns, issues, disagreements, and recommendations, which cannot be resolved at the installation, may be referred to the NASA ombudsman, the Director of the Contract Management Division, at 202-358-0422, facsimile 202-358-3083, e-mail sthomps1@hq.nasa.gov. Please do not contact the ombudsman to request copies of the solicitation, verify offer due date, or clarify technical requirements. Such inquiries shall be directed to the contracting officer or as specified elsewhere in this document.

(End of clause)"

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 928	3. EFFECTIVE DATE Same as Block 16c BJ3/T40	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058 281-483-4214/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) CODE Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Road One
 Houston, TX 77058

CODE (x)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate by reference Alternate II of NFS Clause 1852.242-72 to Section H:

See enclosed page for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Valerie A. Marburger</u> (Signature of Contracting Officer)	16C. DATE SIGNED 2/3/03

Section H.1, Paragraph II, Alternate II is added to NFS 1852.242-72 as follows:

1852.242-72	AUG 1992	OBSERVANCE OF LEGAL HOLIDAYS (ALTERNATE II) (OCT 2000)
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 927	3. EFFECTIVE DATE Same as Block 16c BJ3/T40	4. REQUISITION/PURCHASE REQ. NO. See next page	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058 281-483-4214/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) CODE Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Road One
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase None

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Make an administrative correction to B.4.1(a) and B.5.1(a)

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Valerie Marburger</i> (Signature of Contracting Officer)	16C. DATE SIGNED 1/14/03

A. Section B.4.1. is replaced in its entirety with the following:

B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

- (a) The total firm fixed price of Delivery Orders 1 through 491 is \$9,485,687.62 as of January 13, 2003.
- (b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$10,135,228.54.

B. Section B.5.1. is replaced in its entirety with the following:

B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

- (a) The estimated cost of Annex 13 is \$693,613.00. The maximum available award fee, excluding base fee, if any, is \$27,739.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$721,352.00. This allotment covers Task Orders 800 through 1253-1/C53-1 as of January 13, 2003.
- (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 800 through 1253-1/C53-1 is \$917,909.00. An additional amount of \$36,823.00 is obligated under this contract for payment of fee, for a total of \$954,732.00.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. 926	3. EFFECTIVE DATE Same as Block 16c BJ3/T40	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058 281-483-4214/34173 (fax)	7. ADMINISTERED BY (If other than Item 6) Same as Block 6	CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Road 1
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(X)


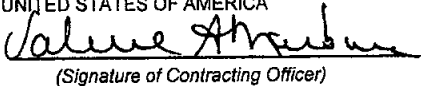
<input type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate changes into the Contract as shown on Page 2. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Mike Dallas, Program Manager	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 2/3/03
16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 2/3/03

A. Section G.13 is replaced in its entirety with the following:

"G.13 SUBCONTRACTING GOALS

For purposes of this clause, the terms, "HUBZone Small Business Concern," "Small Disadvantaged Business Concern," "Veteran-Owned Small Business Concern," and "Women-Owned Small Business Concern" are defined in paragraph 2.101 of the Federal Acquisition Regulation.

The total subcontracting goal expressed, as a percent of total contract value, is 37.7 percent, including options and includes the following goals:

Small Disadvantaged Business Concerns	17 percent
Woman-owned Business Concerns	6.6 percent
HUBZone Small Business Concerns	5.7 percent
Veteran-Owned Business Concerns	7.6 percent

(End of clause)"

B. Section H.9 is replaced in its entirety with the following:

"H.9 KEY PERSONNEL AND FACILITIES (NFS 1852.235-71) (MAR 1989)

(a) The personnel and/or facilities listed below are considered essential to the work being performed under this contract. Before removing, replacing, or diverting any of the listed or specified personnel or facilities, the Contractor shall (1) notify the Contracting Officer reasonably in advance and (2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract.

(b) The Contractor shall make no diversion without the Contracting Officer's written consent; provided, that the Contracting Officer may ratify in writing the proposed change, and that ratification shall constitute the Contracting Officer's consent required by this clause.

(c) The list of personnel and/or facilities (shown) may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel and/or facilities.

(End of clause)"

C. Section C, Annex 9.16.4.1, Sanitary Sewer Industrial Discharge Management Plan, the 2d paragraph is deleted in its entirety and replaced with the following:

"The initial plan shall be submitted on March 31 of year one of the contract. Updated pages shall be sent to the Environmental *TMR within 5 days of updating the plan. Place a copy of the plan in pdf format in a COD provided web server folder, and update the plan in the folder with updated information monthly."

D. Section J-C, DRD AN-1-9, Submission Frequency, is deleted in its entirety and replaced with the following:

"SUBMISSION FREQUENCY: Annually (90 days prior to the anniversary date of the contract)."

E.. Section J-E-72 is replaced in its entirety with the enclosed page to reflect increases for Plumbers and Electrical Wiremen.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056	PAGE OF PAGES 1 6
2. AMENDMENT/MODIFICATION NO. 925	3. EFFECTIVE DATE Same as Block 16c BJ3/T40	4. REQUISITION/PURCHASE REQ. NO. See next page	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058 281-483-4214/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) CODE Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Road One
 Houston, TX 77058

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$1,255,684.13

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(X)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

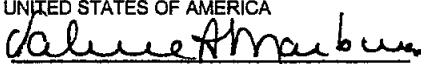
The purpose of this modification is to:

Increase the cumulative amounts for orders previously obligated under Annexes 6 and 13.

Increase the amount available for funding purposes (As shown on page 3) by \$1,255,684.13 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 1/14/03

A. Section B.4.1. is replaced in its entirety with the following:

The following contract clause entitled "CUMULATIVE DELIVERY ORDERS (ANNEX 6) identifies the total fixed price to be paid to the contractor for acceptable performance of all services described in issued delivery orders. Paragraph a will be updated on a periodic basis to reflect the value of issued delivery orders. Paragraph b represents the funding level and will be updated on a periodic basis to increase the funding level. In no case will the funding exceed the value in paragraph a. These delivery orders are not subject to the Limitation of Funds Clause.

B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

(a) The total firm fixed price of Delivery Orders 1 through 491 is \$10,138,663.14 as of January 13, 2003.

(b) For funding purposes, the total amount allotted by the Government for Annex 6 is \$10,135,228.54.

B. Section B.5.1. is replaced in its entirety with the following:

The following contract clause entitled "CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13) identifies the estimated cost/award fee and funding for task orders issued under Annex 13. Paragraph a will be updated on a periodic basis to reflect the value of issued task orders. Paragraph b represents the funding level and will be updated on a periodic basis to increase the funding level. In no case will the funding exceed the value in paragraph a. The IDIQ Value identified on each task order represents the amount subject to the Limitation of Funds Clause.

B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$917,909.00. The maximum available award fee, excluding base fee, if any, is \$36,823.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$954,732.00. This allotment covers Task Orders 800 through 1253-1/C53-1 as of January 13, 2003.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 800 through 1253-1/C53-1 is \$917,909.00. An additional amount of \$36,823.00 is obligated under this contract for payment of fee, for a total of \$954,732.00.

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$25,044,734.49. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through February 28, 2003.

(b) An additional amount of \$948,871.10 is obligated under this contract for payment of fee.

(End of clause)"

D. Section H.3 is replaced in its entirety with the following:

**"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)**

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$3,450,808.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

FUNDING RECAPITULATION:

B.4.1(b) CUMULATIVE DELIVERY ORDERS (FIXED PRICE - ANNEX 6)

	<u>Total Price</u>
Prior Obligation	\$9,482,253.02
This Action	<u>\$652,975.52</u>
New Obligation	\$10,135,228.54

B.5.1(b) CUMULATIVE FUNDING FOR TASK ORDERS (COST-REIMBURSEMENT - ANNEX 13)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$693,613.00	\$27,739.00	\$721,352.00
This Action	<u>\$224,296.00</u>	<u>\$9,084.00</u>	<u>\$233,380.00</u>
New Obligation	\$917,909.00	\$36,823.00	\$954,732.00

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT - ANNEXES 1-5 AND 8-12)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$24,776,149.29	\$938,127.69	\$25,714,276.98
This Action	<u>\$268,585.20</u>	<u>\$10,743.41</u>	<u>\$279,328.61</u>
New Obligation	\$25,044,734.49	\$948,871.10	\$25,993,605.59

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT - ANNEXES 7 AND 14)

	<u>Total Price</u>
Prior Obligation	\$3,360,808.36
This Action	<u>\$90,000.00</u>
New Obligation	\$3,450,808.36

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	<u>Est Cost</u>
Prior Obligation	\$444,000.00
This Action	<u>\$0.00</u>
New Obligation	\$444,000.00

TOTAL FUNDING OBLIGATION (ANNEXES 1-14)

	<u>Est Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$38,756,823.67	\$965,866.69	\$39,722,690.36
This Action	<u>\$1,235,856.72</u>	<u>\$19,827.41</u>	<u>\$1,255,684.13</u>
New Obligation	\$39,992,680.39	\$985,694.10	\$40,978,374.49

COST REIMBURSABLE

<u>PR#</u>	<u>PWC</u>	<u>FS</u>	<u>PY</u>	<u>\$AMOUNT</u>
03006JA1-001 (Y)	283-10-CO-SS-PA-JA2540-JA11	54	02	\$20,000.00
03006JA1-002 (Y)	283-10-CO-SS-DA-JA2540-JA11	54	02	\$17,836.48
03006JA2-001 (Y)	P99-B2-CO-SS-4D-JA2540-JA11	54	02	\$5,000.00
03006JA2-002 (Y)	P99-B2-CO-SS-HF-JA2540-JA11	54	02	\$11,071.34
03006JA2-003 (Y)	P99-B2-CO-SS-HG-JA2540-JA11	54	02	\$25,000.00
03006JA2-004 (Y)	P99-23-CO-SS-HG-JA2540-JA11	52	02	\$280.79
03006JA2-005 (Y)	P99-23-CO-SS-HG-JA2540-JA11	52	03	\$8,367.52
03006JA2-006 (Y)	P99-B2-CO-SS-PA-JA2540-JA11	54	02	\$175,000.00
03006JA2-007 (Y)	P99-B2-CO-SS-PA-JA2540-JA11	54	03	\$16,772.48

TOTAL COST REIMBURSABLE	\$279,328.61
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FIXED PRICE

<u>PR#</u>	<u>PWC</u>	<u>FS</u>	<u>PY</u>	<u>\$AMOUNT</u>
03006JA3-001 (Y)	P99-B2-CO-SS-RA-JA2540-JA11	54	02	\$60,000.00
03006JA3-002 (Y)	P99-B2-CO-SS-NB-JA2540-JA11	54	02	\$30,000.00

TOTAL FIXED PRICE	\$90,000.00
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ANNEX 6

<u>PR#</u>	<u>PWC</u>	<u>FS</u>	<u>PY</u>	<u>\$AMOUNT</u>
00322JD8A-001 (N)	486-20-01-00-JD3231-JA11	37	01	\$5,000.00
01170EG1-001(Y)	949-10-KA-97-PA-EG3231-EG31	54	02	\$1,195.02
01323DS1-001(Y)	575-81-03-MR-PA-DS3231-DA11	52	02	\$85,886.34
01347DX1-002(Y)	575-81-16-56-PA-DX3231-DX11	52	02	\$6,653.09
02016SK1-002(Y)	111-50-60-SK-5A-SK2550-SK11	29	02	\$1,053.29
02077CB1B-001(Y)	375-20-10-BS-HG-CB3231-CB11	54	02	\$128.86
02079ER1-001(Y)	949-10-AR-SD-MB-ER3251-ER11	54	02	\$1,899.13
02095OA1-001(Y)	575-83-EN-CK-VC-OA3251-OA11	52	02	\$47,169.87
02102TA1-001(Y)	329-10-90-99-5A-TA2590-TA11	54	02	\$5,000.00
02114E61-001(Y)	721-30-52-00-6A-E62590-E611	29	02	\$137.37
02149MA1-001(Y)	377-10-10-PC-5A-MA2550-MA11	54	02	\$3,173.22
02179DX1-002(Y)	575-81-13-14-PA-DX3231-DX11	52	02	\$25,000.00
02179DX1A-001(Y)	375-10-10-14-PA-DX3231-DX11	54	02	\$338.00
02182S31-005(N)	376-70-10-76-5A-S32590-S311	54	02	\$2,896.00
02183CC2-001(Y)	375-20-10-AB-MA-CC3221-CC11	54	02	\$75,000.00
02198SL1-001(Y)	P99-23-FA-EQ-5A-SL2550-SL11	52	02	\$449.00
02241SJ1-001(Y)	400-21-60-01-5A-SJ2550-SJ11	29	02	\$3,100.36
02241XA1-001(Y)	575-81-16-99-XA-5A-XA6171-XA11	52	02	\$1,166.90

02269ES1-001(Y)	949-10-ES-01-5A-ES2540-ES11	54	03	\$115.00
02295DA2-001(Y)	575-81-03-MR-PA-DA3231-DA11	52	02	\$100,000.00
02295SD1-001(Y)	283-10-CK-00-FA-SD2560-SD11	54	02	\$2,500.71
02296CB2-001(Y)	375-20-10-BS-HG-CB3231-CB11	54	02	\$42.00
02298EB2-001(Y)	949-10-E5-00-5A-EB2540-EB11	54	02	\$10,516.00
02311NA1-001(Y)	546-01-SR-QA-5A-NA2540-NA11	52	03	\$27,000.00
02311OA2-001(Y)	335-12-01-EQ-VC-OA3251-OA11	52	03	\$10,521.00
02318EP1-001(Y)	949-10-EP-01-5A-EP2514-EP61	54	03	\$671.55
02339DA1-001(Y)	375-10-10-MR-PA-DA3231-DA11	54	02	\$1,362.00
02344EC1-001(Y)	949-10-EC-01-5A-EC2550-EC11	54	03	\$4,000.00
02353ES3-001(Y)	949-10-ES-01-5A-ES2550-ES11	54	03	\$25,000.00
02353SF1-001(Y)	P99-23-ZC-30-5A-SF2540-SF11	52	03	\$10,000.00
03007SK1-001(Y)	111-30-20-02-5A-SK2550-SK11	29	02	\$30,000.00
03009DA1-001(Y)	375-10-10-MR-PA-DA3200-DA11	54	03	\$98,000.00
03009JA2-001(Y)	P99-B2-ID-IQ-PA-JA2540-JA11	54	03	\$68,000.81
TOTAL ANNEX 6				\$652,975.52

ANNEX 13

<u>PR#</u>	<u>PWC</u>	<u>FS</u>	<u>PY</u>	<u>EST COST</u>	<u>AWD FEE</u>	<u>TOTAL</u>
01323DS1-001(Y)	575-81-03-MR-PA-DS3231-DA11	52	02	\$3,000.00	\$0	\$3,000.00
01347DX1-002(Y)	575-81-16-56-PA-DX3231-DX11	52	02	\$15,000.00	\$0	\$15,000.00
02150DX1-001(Y)	575-81-13-14-DX-PA-DX3231-DX11	52	02	\$5,821.00	\$0	\$5,821.00
02182S31-003(Y)	344-31-72-01-5A-S32590-S311	29	02	\$1,823.00	\$0	\$1,823.00
02182S31-021(Y)	390-90-10-RM-5A-S32590-S311	29	03	\$126.00	\$0	\$126.00
02183CC2-001(Y)	375-20-10-AB-MA-CC3221-CC11	54	02	\$6,496.00	\$0	\$6,496.00
02233SK1-001(Y)	949-10-00-SK-5A-SK2550-SK11	54	02	\$3,569.00	\$0	\$3,569.00
02233SK1-002(Y)	949-10-KP-98-5A-SK2550-SK11	54	02	\$50.00	\$0	\$50.00
02241SJ1-001(Y)	400-21-60-01-5A-SJ2550-SJ11	29	02	\$3,159.00	\$0	\$3,159.00
02295SD1-001(Y)	283-10-CK-00-FA-SD2560-SD11	54	02	\$2,556.00	\$0	\$2,556.00
02298EB2-001(Y)	949-10-E5-00-5A-EB2540-EB11	54	02	\$1,500.00	\$0	\$1,500.00
02311NA1-001(Y)	546-01-SR-QA-5A-NA2540-NA11	52	03	\$682.00	\$0	\$682.00
02317GA3-001(Y)	P99-23-SP-ER-PA-GA2540-GA11	52	02	\$1,679.00	\$0	\$1,679.00
02344EC1-001(Y)	949-10-EC-01-5A-EC2550-EC11	54	03	\$1,000.00	\$0	\$1,000.00
02345GA3-001(Y)	P99-23-SP-ER-PA-GA2540-GA11	52	03	\$20,000.00	\$0	\$20,000.00
02353ES3-001(Y)	949-10-ES-01-5A-ES2550-ES11	54	03	\$69,324.00	\$0	\$69,324.00
02353SF1-001(Y)	P99-23-ZC-30-5A-SF2540-SF11	52	03	\$3,181.00	\$0	\$3,181.00
03009DA1-001(Y)	375-10-10-MR-PA-DA3200-DA11	54	03	\$2,000.00	\$0	\$2,000.00
03009ES1-001(Y)	376-70-10-36-5A-ES2540ES31	54	03	\$50,000.00	\$0	\$50,000.00
03009JA2-001(Y)	P99-B2-ID-IQ-PA-JA2540-JA11	54	03	\$33,330.00	\$9,084	\$42,414.00
TOTAL ANNEX 13				\$224,296.00	\$9,084	\$233,380.00

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. 924	3. EFFECTIVE DATE Same as Block 16c	4. REQUISITION/PURCHASE REQ. NO. See next page	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058	CODE BJ3/T40 281-483-4214/34173 (fax)	7. ADMINISTERED BY (If other than Item 6) Same as Block 6	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Road One
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$3,277,000.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders previously obligated under Annexes 6 and 13.

Increase the amount available for funding purposes (Annexes 1-5, 7-12, and 14) by \$3,277,000.00 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA BY <u>Valerie A. Marburger</u> (Signature of Contracting Officer)	16C. DATE SIGNED 12/20/02

A. Section B.4.1 is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

- a.) The total firm fixed price of Delivery Orders 1 through 314-1 is \$8,858,330.05 as of December 20, 2002."
- b.) For funding purposes, the total amount allotted by the Government for Annex 6 is \$8,854,895.45"

B. Section B.5.1 is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

- a.) The estimated cost of Annex 13 is \$621,425.00. The maximum available award fee, excluding base fee, if any, is \$24,855.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$646,280.00. This allotment covers Task Orders 800 through 1296/C96 as of December 19, 2002.
- b.) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 800 through 1296/C96 is \$621,425.00. An additional amount of \$24,855.00 is obligated under this contract for payment of fee, for a total of \$646,280.00."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$24,776,149.29. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through January 31, 2003.

(b) An additional amount of \$938,127.69 is obligated under this contract for payment of fee.

(End of clause)"

FUNDING RECAPITULATION:

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT- ANNEXES 1-5 AND 8-12)

	Estimated Cost	Award Fee	Total
Prior Obligation	\$21,625,187.75	\$812,089.23	\$22,437,276.98
This Action	3,150,961.54	126,038.46	\$3,277,000.00
New Obligation	\$24,776,149.29	\$938,127.69	\$25,714,276.98

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	Total Cost
Prior Obligation	\$444,000.00
This Action	\$0.00
New Obligation	\$444,000.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT – ANNEXES 7 AND 14)

	Total Fixed Price
Prior Obligation	\$3,360,808.36
This Action	\$0.00
New Obligation	\$3,360,808.36

TOTAL FUNDING OBLIGATION (ANNEXES 1-5, 7-12, AND 14)

	Estimated Cost/Price	Award Fee	Total
Prior Obligation	\$25,429,996.11	\$812,089.23	\$26,242,085.34
This Action	\$3,150,961.54	\$126,038.46	\$3,277,000.00
New Obligation	\$28,580,957.65	\$938,127.69	\$29,519,085.34

COST REIMBURSABLE

02353JA1-001 (Y)	FS29/PY03	P99-B7-CO-SS-4D-JA2540-JA11	\$600,000.00
02353JA1-002 (Y)	FS52/PY03	P99-23-CO-SS-HF-JA2540-JA11	\$250,000.00
02353JA1-003 (Y)	FS52/PY03	P99-23-CO-SS-HG-JA2540-JA11	\$200,000.00
02353JA1-004 (Y)	FS54/PY03	P99-E9-CO-SS-HG-JA2540-JA11	\$118,000.00
02353JA1-005 (Y)	FS29/PY03	P99-E6-CO-SS-HG-JA2540-JA11	\$21,036.00
02353JA1-006 (Y)	FS29/PY03	P99-F1-CO-SS-HG-JA2540-JA11	\$20,428.00
02353JA1-007 (Y)	FS54/PY03	P99-B2-CO-SS-PA-JA2540-JA11	\$95,000.00
02353JA1-008 (Y)	FS52/PY03	P99-23-CO-SS-PA-JA2540-JA11	\$790,536.00
02353JA2 (Y)	FS54/PY03	375-20-10-AM-PA-JA2540-JA11	\$337,000.00
02353JA3 (Y)	FS52/PY03	336-31-02-CS-PA-JA2540-JA11	\$175,000.00
02353JA4-001 (Y)	FS29/PY03	792-10-CO-SS-PA-JA2540-JA11	\$136,000.00
02353JA4-002 (Y)	FS29/PY03	792-10-CO-SS-DA-JA2540-JA11	\$534,000.00

TOTAL CR	\$3,277,000.00
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AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 1
2. 923	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. N/A	5. PROJECT NO. (If
ISSUED BY	BJ3(T63)	7. ADMINISTERED BY (If other than Item 6)	

NASA Lyndon B. Johnson Space Center
Institutional Business Management Office
Attn: BJ3/Valerie A. Marburger
Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
DynCorp Technical Services, LLC
Attn: DYNCOSS/Mike Dallas
2101 NASA Road 1
Houston, TX 77058

CODE	FACILITY CODE
9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for ☐ is extended, ☐ is not
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following

(a) By completing Items 8 and 15, and ☐ Copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). NFS 1852.216-76
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

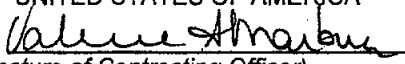
E. IMPORTANT: ☒ is not, ☐ is required to sign this document 0 copies to the issuing office

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where The purpose of this modification is to recognize award fee earned for the first award fee evaluation period: January 31, 2002, to September 30, 2002.

Award Fee Available for Period: \$406,863.00
Award Fee Earned: \$297,010.00
Less Provisional Fee Payments: \$ 0.00
Total to be Paid to DynCorp: \$297,010.00

AWARD FEE PAYMENT

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR	15C. DATE	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 11/26/02

(Signature of person authorized to sign)
NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105
JSC MS Word (Aug 95)

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA FAR (48 CFR) 53.243

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. 922		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
6. ISSUED BY CODE NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) CODE Same as Block 6		5. PROJECT NO. (If applicable)	
8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: DYNCOSS/Michael D. Dallas, Program Manager 2101 NASA Road One Houston, TX 77058					

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$3,866,051.98

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(X)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders previously obligated under Annexes 6 and 13.

Increase the amount available for funding purposes (Annexes 1-5, 7-12, and 14) by \$3,866,051.98 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Valerie Marburger</u> (Signature of Contracting Officer)	16C. DATE SIGNED 11/21/02

A. Section B.4.1 is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

- a.) The total firm fixed price of Delivery Orders 1 through 396 is \$8,457,974.11 as of November 18, 2002."
- b.) For funding purposes, the total amount allotted by the Government for Annex 6 is \$8,454,709.51"

B. Section B.5.1 is replaced in its entirety with the following:

The following contract clause entitled "CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13) identifies the estimated cost/award fee and associated funding for task orders issued under Annex 13. These amounts will be updated on a periodic basis to reflect the totals (both in estimated cost/award fee and associated funding) from issued task orders. These amounts represent a "snapshot" of funding based on the task orders issued at that time. The funding identified on each task order represents the amount subject to the Limitation of Funds Clause.

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

- a.) The estimated cost of Annex 13 is \$603,382.00. The maximum available award fee, excluding base fee, if any, is \$24,132.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$627,514.00. This allotment covers Task Orders 800 through 801-1 as of November 20, 2002.
- b.) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 800 through 801-1 is \$603,382.00. An additional amount of \$24,132.00 is obligated under this contract for payment of fee, for a total of \$627,514.00."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$21,625,187.75. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through December 20, 2002.

(b) An additional amount of \$812,089.23 is obligated under this contract for payment of fee.

(End of clause)"

D. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$444,000.00. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through January 31, 2003.

E. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$3,360,808.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

FUNDING RECAPITULATION:

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT- ANNEXES 1-5 AND 8-12)

	Estimated Cost	Award Fee	Total
Prior Obligation	\$18,902,830.08	\$703,194.92	\$19,606,025.00
This Action	2,722,357.67	108,894.31	\$2,831,251.98
New Obligation	\$21,625,187.75	\$812,089.23	\$22,437,276.98

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	Total Cost
Prior Obligation	\$244,000.00
This Action	\$200,000.00
New Obligation	\$444,000.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT – ANNEXES 7 AND 14)

	Total Fixed Price
Prior Obligation	\$2,526,008.36
This Action	\$834,800.00
New Obligation	\$3,360,808.36

TOTAL FUNDING OBLIGATION (ANNEXES 1-5, 7-12, AND 14)

	Estimated Cost/Price	Award Fee	Total
Prior Obligation	\$21,672,838.44	\$703,194.92	\$22,376,033.36
This Action	\$3,757,157.67	\$108,894.31	\$3,866,051.98
New Obligation	\$25,429,996.11	\$812,089.23	\$26,242,085.34

COST REIMBURSABLE

02322JA1-001 (Y)	FS52/PY03	336-31-02-CS-PA-JA2540-JA11	\$345,000.00
02322JA2-001 (Y)	FS54/PY 03	375-20-10-AM-PA-JA2540-JA11	\$127,730.00
02322JA3-001 (Y)	FS54/PY03	P99-B2-CO-SS-4D-JA2540-JA11	\$212,219.00
02322JA3-002 (Y)	FS54/PY03	P99-B2-CO-SS-HF-JA2540-JA11	\$98,383.00
02322JA3-003 (Y)	FS54/PY03	P99-B2-CO-SS-HG-JA2540-JA11	\$126,431.00
02322JA3-004 (Y)	FS54/PY02	P99-PS-CO-SS-HG-JA2540-JA11	\$32,466.98
02322JA3-005 (Y)	FS29/PY02	P99-RB-CO-SS-HG-JA2540-JA11	\$2,001.00
02322JA3-006 (Y)	FS52/PY02	P99-RM-CO-SS-HG-JA2540-JA11	\$2,000.00
02322JA3-007 (Y)	FS54/PY03	P99-B2-CO-SS-PA-JA2540-JA11	\$1,174,221.00
02322JA3-008 (Y)	FS52/PY03	P99-23-CO-SS-PA-JA2540-JA11	\$710,800.00

TOTAL CR \$2,831,251.98

FIXED PRICE

02322JA4-001 (Y)	FS54/PY03	P99-B2-CO-SS-RA-JA2540-JA11	\$127,963.00
02322JA4-002 (Y)	FS29/PY03	P99-B7-CO-SS-RA-JA2540-JA11	\$392,800.00
02322JA4-003 (Y)	FS29/PY 03	P99-49-CO-SS-RA-JA2540-JA11	\$120,000.00
02322JA4-004 (Y)	FS54/PY03	P99-B2-CO-SS-NB-JA2540-JA11	\$194,037.00

TOTAL FP \$834,800.00

SUPPLY EXPENDITURES

02317JB1-001 (Y)	FS54/PY03	998-00-00-00-HG-JB2540-JA11	\$200,000.00
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TOTAL SUPPLY \$200,000.00

TOTAL (CR+FP+SUPPLY) \$3,866,051.98

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 921		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058 281-483-4214/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Road One
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(X)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to add JSC Clause 52.227-91 to Sections A and H:

See enclosed page for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Valerie A. Marburger</u> (Signature of Contracting Officer)	16C. DATE SIGNED 11/16/02

Section H is updated to include the following new clause (the current H.11-14 are renumbered. This change includes modifying Section A, Table of Contents):

H.11 (LIMITED) RELEASE OF CONTRACTOR CONFIDENTIAL BUSINESS INFORMATION (CBI) (JSC 52.227-91)(MAY 2002)

(a) NASA may find it necessary to release information submitted by the Contractor pursuant to the provisions of this contract, to individuals not employed by NASA. Business information that would ordinarily be entitled to confidential treatment may be included in the information released to these individuals. Accordingly, by signature on this contract, the Contractor hereby consents to a limited release of its confidential business information (CBI).

(b) Possible circumstances where the Agency may release the Contractor's CBI include the following:

(1) To other Agency contractors and subcontractors, and their employees tasked with assisting the Agency in handling and processing information and documents in the administration of Agency contracts, such as providing post award audit support and specialized technical support to NASA;

(2) To NASA contractors and subcontractors, and their employees engaged in information systems analysis, development, operation, and maintenance, including performing data processing and management functions for the Agency.

(c) NASA recognizes its obligation to protect the contractor from competitive harm that could result from the release of such information to a competitor. Except where otherwise provided by law, NASA will permit the limited release of CBI under subparagraphs (1) or (2) only pursuant to non-disclosure agreements signed by the assisting contractor or subcontractor, and their individual employees who may require access to the CBI to perform the assisting contract.

(d) NASA's responsibilities under the Freedom of Information Act are not affected by this clause.

(e) The Contractor agrees to include this clause, including this paragraph (e), in all subcontracts at all levels awarded pursuant to this contract that require the furnishing of confidential business information by the subcontractor.

(End of clause)

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. 920		3. EFFECTIVE DATE Same as Block 16c BJ3/T40		4. REQUISITION/PURCHASE REQ. NO. See next page	
6. ISSUED BY CODE NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058 281-483-4214/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) CODE Same as Block 6		5. PROJECT NO. (If applicable)	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: DYNCOSS/Michael D. Dallas, Program Manager
 2101 NASA Road One
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$3,037,000.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders previously obligated under Annexes 6 and 13.

Increase the amount available for funding purposes (Annexes 1-5, 7-12, and 14) by \$3,037,000.00 and recapitulate prior funding.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Valerie A. Marburger</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>10/25/02</u>
(Signature of person authorized to sign)			

A. Section B.4.1 is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

- a.) The total firm fixed price of Delivery Orders 1 through 328 is \$7,848,957.21 as of October 24, 2002."
- b.) For funding purposes, the total amount allotted by the Government for Annex 6 is \$7,847,002.61"

B. Section B.5.1 is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

- a.) The estimated cost of Annex 13 is \$457,091.00. The maximum available award fee, excluding base fee, if any, is \$18,233.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$475,324.00. This allotment covers Task Orders 800 through 1234-1/C34-1 as of October 18, 2002.
- b.) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 1234-1/C34-1 is \$457,091.00. An additional amount of \$18,186.00 is obligated under this contract for payment of fee, for a total of \$475,277.00."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$18,902,830.08. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through November 15, 2002.

(b) An additional amount of \$703,194.92 is obligated under this contract for payment of fee.

(End of clause)"

D. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$244,000.00. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through December 31, 2002."

E. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$2,526,008.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted."

FUNDING RECAPITULATION:

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT- ANNEXES 1-5 AND 8-12)

	Estimated Cost	Award Fee	Total
Prior Obligation	\$15,982,637.77	\$586,387.23	\$16,569,025.00
This Action	2,920,192.31	111,807.69	\$3,037,000.00
New Obligation	\$18,902,830.08	\$703,194.92	\$19,606,025.00

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	Total Cost
Prior Obligation	\$244,000.00
This Action	\$0.00
New Obligation	\$244,000.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT – ANNEXES 7 AND 14)

	Total Fixed Price
Prior Obligation	\$2,526,008.36
This Action	\$0.00
New Obligation	\$2,526,008.36

TOTAL FUNDING OBLIGATION (ANNEXES 1-5, 7-12, AND 14)

	Estimated Cost/Price	Award Fee	Total
Prior Obligation	\$18,752,646.13	\$586,387.23	\$19,339,033.36
This Action	\$2,920,192.31	\$116,807.69	\$3,037,000.00
New Obligation	\$21,672,838.44	\$703,194.92	\$22,376,033.36

COST REIMBURSABLE

02297JA1-001 (Y)	FS54/PY03	375-20-10-AM-PA-JA2540-JA11	\$156,000.00
02297JA2-001 (Y)	FS52/PY03	336-31-02-CS-PA-JA2540-JA11	\$264,000.00
02297JA3-001 (Y)	FS54/PY03	283-10-CO-SS-PA-JA2540-JA11	\$1,050,000.00
02297JA3-002 (Y)	FS54/PY03	283-10-CO-SS-DA-JA2540-JA11	\$567,000.00
02297JA4-001 (Y)	FS54/PY03	P99-B2-CO-SS, 4D, JA2540-JA11	\$300,000.00
02297JA4-002 (Y)	FS54/PY03	P99-B2-CO-SS-HG-JA2540-JA11	\$200,000.00
02297JA4-003 (Y)	FS54/PY03	P99-B2-CO-SS-HF-JA2540-JA11	\$150,000.00
02297JA4-004 (Y)	FS54/PY03	P99-B2-CO-SS-PA-JA2540-JA11	\$350,000.00
TOTAL CR			\$3,037,000.00

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 919		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058 281-483-4214/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: Michael D. Dallas, Program Manager 6500 West Freeway, Suite 600 Fort Worth, TX 76116					
CODE (X)		FACILITY CODE			
9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)			
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056		10B. DATED (SEE ITEM 13) January 31, 2002			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

None

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:
Increase the cumulative amounts for orders previously obligated under Annexes 6 and 13.
See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ V. Marburger (Signature of Contracting Officer)	16C. DATE SIGNED 10/2/02

A. Section B.4.1 is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

- a.) The total firm fixed price of Delivery Orders 1 through 142-2 is \$7,774,794.25 as of October 1, 2002."
- b.) For funding purposes, the total amount allotted by the Government for Annex 6 is \$7,774,794.65"

B. Section B.5.1 is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

- a.) The estimated cost of Annex 13 is \$442,173.00. The maximum available award fee, excluding base fee, if any, is \$17,634.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$459,807.00. This allotment covers Task Orders 800 through 1235/C35 as of September 25, 2002.
- b.) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 800-1235/C35 is \$442,173.00. An additional amount of \$17,587.00 is obligated under this contract for payment of fee, for a total of \$459,760.00."

FUNDING RECAPITULATION:

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT- ANNEXES 1-5 AND 8-12)

	Estimated Cost	Award Fee	Total
Prior Obligation	\$15,982,637.77	\$586,387.23	\$16,569,025.00
This Action	0.00	0.00	\$0.00
New Obligation	\$15,982,637.77	\$586,387.23	\$16,569,025.00

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	Total Cost
Prior Obligation	\$244,000.00
This Action	\$0.00
New Obligation	\$244,000.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT – ANNEXES 7 AND 14)

	Total Fixed Price
Prior Obligation	\$2,526,008.36
This Action	\$0.00
New Obligation	\$2,526,008.36

TOTAL FUNDING OBLIGATION (ANNEXES 1-5, 7-12, AND 14)

	Estimated Cost/Price	Award Fee	Total
Prior Obligation	\$18,752,646.13	\$586,387.23	\$19,339,033.36
This Action	\$0.00	\$0.00	\$0.00
New Obligation	\$18,752,646.13	\$586,387.23	\$19,339,033.36

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 918		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable) CODE	
CODE		BJ3/T40		CODE	
281-483-4214/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: Michael D. Dallas, Program Manager
 6500 West Freeway, Suite 600
 Fort Worth, TX 76116

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate changes into the Contract as shown on Page 2. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Michael Dallas, Project Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR /s/ M. Dallas (Signature of person authorized to sign)	15C. DATE SIGNED 10/2/02	16B. UNITED STATES OF AMERICA BY /s/ V. Marburger (Signature of Contracting Officer)	16C. DATE SIGNED 10/7/02

A. Section F.5, Option 1, is updated to add the following:

"10. I.14, entitled "Payment for Overtime Premiums," shall be modified to increase the overtime premium by \$247,094."

B. Section F.5, Option 2, is updated to add the following:

"10. I.14, entitled "Payment for Overtime Premiums," shall be modified to increase the overtime premium by \$262,444."

C. Section F.5, Option 3, is updated to add the following:

"10. I.14, entitled "Payment for Overtime Premiums," shall be modified to increase the overtime premium by \$283,537."

D. The following clause is added in its entirety to Section I after I.13. Once added, all clauses after FAR 52.222-2 are renumbered:

"1.14 PAYMENT FOR OVERTIME PREMIUMS (FAR 52.222-2)(JUL 1990)

(a) The use of overtime is authorized under this contract if the overtime premium does not exceed \$469,926 or the overtime premium is paid for work-

(1) Necessary to cope with emergencies such as those resulting from accidents, natural disasters, breakdowns of production equipment, or occasional production bottlenecks of a sporadic nature;

(2) By indirect-labor employees such as those performing duties in connection with administration, protection, transportation, maintenance, standby plant protection, operation of utilities, or accounting;

(3) To perform tests, industrial processes, laboratory procedures, loading or unloading of transportation conveyances, and operations in flight or afloat that are continuous in nature and cannot reasonably be interrupted or completed otherwise; or

(4) That will result in lower overall costs to the Government.

(b) Any request for estimated overtime premiums that exceeds the amount specified above shall include all estimated overtime for contract completion and shall-

(1) Identify the work unit; e.g., department or section in which the requested overtime will be used, together with present workload, staffing, and other data of the affected unit sufficient to permit the Contracting Officer to evaluate the necessity for the overtime;

(2) Demonstrate the effect that denial of the request will have on the contract delivery or performance schedule;

(3) Identify the extent to which approval of overtime would affect the performance or payments in connection with other Government contracts, together with identification of each affected contract; and

(4) Provide reasons why the required work cannot be performed by using multishift operations or by employing additional personnel.

(End of clause)"

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 917		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	
CODE		BJ3/T40		CODE	
281-483-4214/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: Michael D. Dallas, Program Manager
 6500 West Freeway, Suite 600
 Fort Worth, TX 76116

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$1,840,003.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the amount available for funding purposes (Annexes 1-5, 7-12, and 14) by \$1,840,003.00 and recapitulate prior funding. See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>/s/ V. Marburger</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>9/19/02</u>

A. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$15,982,637.77. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through November 30, 2002.

(b) An additional amount of \$586,387.23 is obligated under this contract for payment of fee.

(End of clause)"

B. Section B.6.1 is replaced in its entirety with the following:

"B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$244,000.00. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through December 31, 2002."

C. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$2,526,008.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

FUNDING RECAPITULATION:

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT- ANNEXES 1-5 AND 8-12)

	Estimated Cost	Award Fee	Total
Prior Obligation	14,505,251.23	\$527,291.77	\$15,032,543.00
This Action	1,477,386.54	59,095.46	\$1,536,482.00
New Obligation	\$15,982,637.77	\$586,387.23	\$16,569,025.00

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	Total Cost
Prior Obligation	\$150,000.00
This Action	\$94,000.00
New Obligation	\$244,000.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT – ANNEXES 7 AND 14)

	Total Fixed Price
Prior Obligation	\$2,316,487.36
This Action	\$209,521.00
New Obligation	\$2,526,008.36

TOTAL FUNDING OBLIGATION (ANNEXES 1-5, 7-12, AND 14)

	Estimated Cost/Price	Award Fee	Total
Prior Obligation	\$16,971,738.59	\$527,291.77	\$17,499,030.36
This Action	\$1,780,907.54	\$59,095.46	\$1,840,003.00
New Obligation	\$18,752,646.13	\$586,387.23	\$19,339,033.36

COST REIMBURSABLE

02260JA2-001(Y)	FS 54/PY 02	283-10-CO-SS-PA-JA2540-JA11	\$122,611.00
02260JA2-002(Y)	FS 54/PY 02	283-10-CO-SS-DA-JA2540-JA11	\$137,389.00
02260JA1-001(Y)	FS 54/PY 02	P99-B2-CO-SS-PA-JA2540-JA11	\$1,021,073.00
02260JA1-002(Y)	FS 54/PY 02	P99-B2-CO-SS-HG-JA2540-JA11	\$8,957.00
02260JA1-003(Y)	FS 29/PY 02	P99-B8-CO-SS-HG-JA2540-JA11	\$25,000.00
02260JA1-004(Y)	FS 29/PY 02	P99-E1-CO-SS-HG-JA2540-JA11	\$6,000.00
02260JA1-005(Y)	FS 29/PY 02	P99-E5-CO-SS-HG-JA2540-JA11	\$2,813.00
02260JA1-006(Y)	FS 29/PY 02	P99-E6-CO-SS-HG-JA2540-JA11	\$42,669.00
02260JA1-007(Y)	FS 54/PY 02	P99-B2-CO-SS-HF-JA2540-JA11	\$56,021.00
02260JA1-008(Y)	FS 54/PY 02	P99-B2-CO-SS-4D-JA2540-JA11	\$113,949.00

TOTAL CR \$1,536,482.00

FIXED PRICE

02260JA3-001(Y)	FS 29/ PY02	P99-E6-CO-SS-RA-JA2540-JA11	\$521.00
02260JA3-002(Y)	FS 29/ PY02	P99-49-CO-SS-RA-JA2540-JA11	\$171,226.00
02260JA3-003(Y)	FS 29/ PY02	P99-49-CO-SS-NB-JA2540-JA11	\$37,774.00

TOTAL FP \$209,521.00

SUPPLY EXPENDITURES

02261JB1(Y)	FS 54 / PY02	<u>998-00-00-00-HB-JB2540-JA11</u>	<u>\$94,000.00</u>
TOTAL SUPPLY			\$94,000.00

TOTAL (CR+FP+SUPPLY) \$1,840,003.00

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 8	
2. AMENDMENT/MODIFICATION NO. 916		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO.	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	
CODE		BJ3/T40		CODE	
281-483-4214/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: Michael D. Dallas, Program Manager
 6500 West Freeway, Suite 600
 Fort Worth, TX 76116

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(X)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate additions and changes to the wage determinations in Section J-E and update Annexes 1 and 7 to reflect the references to maps in the TRL vice Section J-G. See page 2 for specific changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>/s/ V. Marburger</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>9/18/02</u>

A. Section C, Table 1-1, Definitions. The definition for JSC is replaced in its entirety with the following:

"Johnson Space Center (JSC) - For purposes of this contract, Johnson Space Center (JSC) includes JSC, Ellington Field (EF), and Sonny Carter Training Facility (SCTF) unless otherwise stated to exclude one or more of the facilities. See maps in the TRL."

B. Section C, CLIN 7.1.2, paragraph 1 is replaced in its entirety with the following:

"Services are required at ***JSC** and the NASA JSC Dock Facility. ****Grounds Location of Services Maps** delineating the locations and areas to be maintained for specific services are located in the TRL. Areas not maintained in this annex include the softball fields at the Gilruth Center, the fenced area inside the Child Care Center, the leased Building 47 grounds, and parts of the Agricultural Sciences Lab east of the ditch. In general, areas to be maintained are defined in 3 categories: Area A "Improved Grounds", Area B "Semi-Improved Grounds, and Area C "Unimproved Grounds."

C. Section J-E-72 is replaced in its entirety with the enclosed page to reflect increases for the electrical linemen and wiremen.

D. The enclosed General Decision TX020048, dated 3/1/02, is added to the end of Section J-E. This wage determination only applies to those subcontracted jobs that include highway construction projects. This change includes addition of the following to page J-E-i (Section J -- List of Attachments):

"General Wage Decision Data for Highway Employees Davis Bacon General Decision Number TX020048"

Davis Bacon General Wage Decision
Harris County, TX
Construction Type: Highway

The following pages reflect the wages and fringe benefit requirements for new construction work performed on this contract. This wage determination only applies to those subcontracted jobs that include highway construction projects. New modifications will be incorporated on the anniversary date of this contract.

GENERAL DECISION TX020048 03/01/2002 TX48

Date: March 1, 2002

General Decision Number TX020048

Superseded General Decision No. TX010048

State: TEXAS

Construction Type:

HIGHWAY

County(ies):

BRAZORIA	HARRIS	ORANGE
FORT BEND	JEFFERSON	WALLER
GALVESTON	LIBERTY	
HARDIN	MONTGOMERY	

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects, and railroad construction; bascule, suspension & spandrel arch bridges; bridges designed for commercial navigation; bridges involving marine construction; other major bridges)

<u>Modification Number</u>	<u>Publication Date</u>
0	03/01/2002

COUNTY(ies):

BRAZORIA	HARRIS	ORANGE
FORT BEND	JEFFERSON	WALLER
GALVESTON	LIBERTY	
HARDIN	MONTGOMERY	

SUTX2045A 03/26/1998

	<u>Rates</u>	<u>Fringes</u>
ASPHALT RAKER	8.28	
ASPHALT SHOVELER	7.45	
BATCHING PLANT WEIGHER	11.11	
CARPENTER	10.35	
CONCRETE FINISHER-PAVING	9.87	
CONCRETE FINISHER-STRUCTURES	9.86	
CONCRETE RUBBER	9.00	
ELECTRICIAN	16.15	
FLAGGER	6.66	
FORM BUILDER(STRUCTURES)	9.96	
FORM LINER-PAVING & CURB	9.03	
FORSETTER (PAVING/CURB)	8.86	
FORM SETTER-STRUCTURES	9.05	
LABORER-COMMON	7.45	
LABORER-UTILITY	8.53	
LINEPERSON	7.50	

MANHOLE BUILDER (Brick)	8.49
MECHANIC	11.38
OILER	9.56
SERVICER	9.51
PAINTER-STRUCTURES	14.00
PILEDRIVER	10.96
PIPE LAYER	8.49
ASPHALT DISTRIBUTOR	9.47
ASPHALT PAVING MACHINE	10.05
BROOM OR SWEEPER OPERATOR	8.01
BULLDOZER	9.91
CONCRETE CURING MACHINE	8.80
CONCRETE FINISHING MACHINE	11.79
CONCRETE JOINT SEALER	10.50
CONCRETE PAVING FLOAT	9.30
CONCRETE PAVING SAW	10.01
CONCRETE PAVING SPREADER	9.32
SLIPFORM MACHINE OPERATOR	9.20
CRANE, CLAMSHELL, BACKHOE, DERRICK, D'LINE, SHOVEL	11.35
CRUSHER/SCREENING PLANT	11.00
FOUNDATION DRILL OPERATOR, CRAWLER MOUNTED	12.59
FOUNDATION DRILL OPERATOR TRUCK MOUNTED	12.73
FRONT END LOADER	9.29
MILLING MACHINE OPERATOR	10.43
MIXER	7.94
MOTOR GRADER (FINE GRADE)	11.11
MOTOR GRADER	10.67
PAVEMENT MARKING MACHINE	7.45
ROLLER, STEEL WHEEL PLANT MIX PAVEMENTS	9.25
ROLLER, STEEL WHEEL OTHER FLATWHEEL OR TAMPING	7.61
ROLLER, PNEUMATIC, SELF PROPELLED	7.96
SCRAPER-	8.69
TRACTOR-CRAWLER TYPE	10.12
TRACTOR-PNEUMATIC	8.99
TRAVELING MIXER	9.35
TRENCHING MACHINE-LIGHT	10.50
TRENCHING MACHINE-HEAVY	13.56
WAGON-DRILL, BORING MACHINE	10.15
REINFORCING STEEL SETTER (PLAYING)	12.50
REINFORCING STEEL SETTER STRUCTURES	12.47
STEEL WORKER-STRUCTURAL	10.35
SIGN ERECTOR	10.06
SPREADER BOX OPERATOR	9.08
WORK ZONE BARRICADE	7.45
SIGN INSTALLER	7.45

TRUCK DRIVER-SINGLE AXLE LIGHT	8.15
TRUCK DRIVER-SINGLE AXLE HEAVY	8.76
TRUCK DRIVER-TANDEM AXLE SEMI	
TRAILER	8.00
TRUCK DRIVER-LOWBOY/FLOAT	11.29
WELDER	10.43

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

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In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor

200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.
END OF GENERAL DECISION

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 915		3. EFFECTIVE DATE Same as Block 16c BJ3/T40		4. REQUISITION/PURCHASE REQ. NO. See next page	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	
CODE		CODE			
281-483-4214/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: Michael D. Dallas, Program Manager
 6500 West Freeway, Suite 600
 Fort Worth, TX 76116

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$45,800

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement of the Parties
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the fixed price and associated funding available in Sections B.4 and H.3 by \$45,800 to accommodate additional phase-in costs. This modification represents a complete and equitable adjustment for DynCorp's phase-in period. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Michael Dallas, Project Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR /s/ M. Dallas (Signature of person authorized to sign)	15C. DATE SIGNED 9/11/02	16B. UNITED STATES OF AMERICA BY /s/ V. Marburger (Signature of Contracting Officer)	16C. DATE SIGNED 9/11/02

A. Section B.4 is replaced in its entirety with the following:

"B.4 FIRM FIXED PRICE (NASA 1852.216-78)(DEC 1988)

The total firm fixed price of phase-in is \$736,824. The total firm fixed price of work contained in Annexes 7 and 14 is \$5,697,236."

B. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$2,316,487.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

FUNDING RECAPITULATION:

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT- ANNEXES 1-5 AND 8-12)

	Estimated Cost	Award Fee	Total
Prior Obligation	\$14,505,251.23	\$527,291.77	\$15,032,543.00
This Action	\$0	\$0	\$ 0.00
New Obligation	\$14,505,251.23	\$527,291.77	\$15,032,543.00

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	Total Cost
Prior Obligation	\$150,000.00
This Action	\$0.00
New Obligation	\$150,000.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT – ANNEXES 7 AND 14)

	Total Fixed Price
Prior Obligation	\$2,270,687.36
This Action	\$45,800.00
New Obligation	\$2,316,487.36

TOTAL FUNDING OBLIGATION (ANNEXES 1-5, 7-12, AND 14)

	Estimated Cost/Price	Award Fee	Total
Prior Obligation	\$16,925,938.59	\$527,291.77	\$17,453,230.36
This Action	\$45,800.00	\$.00	\$45,800.00
New Obligation	\$16,971,738.59	\$527,291.77	\$17,499,030.36

PR Number	Fund Source	PWC	Amount
02246JA4(Y)	FS 52/PY 02	P99-23-CO-SS-PA-JA2540-JA11	\$45,721.00
02252JA1(Y)	FS 54/PY 02	P99-B2-CO-SS-PA-JA2540-JA11	\$79.00
		Total for B.4/H.3	\$45,800.00

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 914		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
CODE		BJ3/T40		CODE	
281-483-4214/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: Michael D. Dallas, Program Manager
 6500 West Freeway, Suite 600
 Fort Worth, TX 76116

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page

Increase \$2,465,326.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:
 Increase the amount available for funding purposes (Annexes 1-5, 7-12, and 14) by \$2,465,326.00 and recapitulate prior funding.
 See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>/s/ V. Marburger</u> (Signature of Contracting Officer)	16C. DATE SIGNED 9/9/02

A. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$14,505,251.23. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through September 30, 2002.

(b) An additional amount of \$527,291.77 is obligated under this contract for payment of fee.

(End of clause)"

B. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$2,270,687.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

FUNDING RECAPITULATION:

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT- ANNEXES 1-5 AND 8-12)

	Estimated Cost	Award Fee	Total
Prior Obligation	\$12,256,482.00	\$437,341.00	\$12,693,823.00
This Action	2,248,769.23	89,950.77	\$2,338,720.00
New Obligation	\$14,505,251.23	\$527,291.77	\$15,032,543.00

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	Total Cost
Prior Obligation	\$150,000.00
This Action	\$0.00
New Obligation	\$150,000.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT – ANNEXES 7 AND 14)

	Total Fixed Price
Prior Obligation	\$2,144,081.36
This Action	\$126,606.00
New Obligation	\$2,270,687.36

TOTAL FUNDING OBLIGATION (ANNEXES 1-5, 7-12, AND 14)

	Estimated Cost/Price	Award Fee	Total
Prior Obligation	\$14,550,563.36	\$437,341.00	\$14,987,904.36
This Action	\$2,375,375.23	\$89,950.77	\$2,465,326.00
New Obligation	\$16,925,938.59	\$527,291.77	\$17,453,230.36

COST REIMBURSABLE

02246JA3-001(Y)	FS 52/PY 02	P99-23-CO-SS-PA-JA2540-JA11	\$597,457.00
02246JA3-002(Y)	FS 54/PY 02	P99-B2-CO-SS-PA-JA2540-JA11	\$914,858.00
02246JA3-003(Y)	FS 52/PY 02	P99-23-CO-SS-HF-JA2540-JA11	\$23,896.00
02246JA2-011(Y)	FS 54/PY 02	283-10-CO-SS-PA-JA2540-JA11	\$306,763.00
02246JA2-002(Y)	FS 54/PY 02	283-10-CO-SS-DA-JA2540-JA11	\$495,746.00

TOTAL CR \$2,338,720.00

FIXED PRICE

02246JA1-001(Y)	FS 54/ PY02	P99-B2-CO-SS-NB-JA2540-JA11	\$44,986.00
02246JA1-002(Y)	FS 54/ PY02	P99-B2-CO-SS-RA-JA2540-JA11	\$81,620.00

TOTAL FP \$126,606.00

TOTAL (CR+FP) \$2,465,326.00

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 913		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	
CODE 281-483-4214/34173 (fax)		CODE			

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: Michael D. Dallas, Program Manager
 6500 West Freeway, Suite 600
 Fort Worth, TX 76116

CODE		FACILITY CODE	
(x)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

None

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the cumulative amounts for orders previously obligated under Annexes 6 and 13.

See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /s/ V. Marburger (Signature of Contracting Officer)	16C. DATE SIGNED 9/3/02

A. Section B.4.1 is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

- a.) The total firm fixed price of Delivery Orders 1 through 272 is \$7,080,999.12 as of August 29, 2002."
- b.) For funding purposes, the total amount allotted by the Government for Annex 6 is \$7,080,999.52"

B. Section B.5.1 is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

- (a) The estimated cost of Annex 13 is \$367,789.00. The maximum available award fee, excluding base fee, if any, is \$14,657.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$382,446.00. This allotment covers Task Orders 800 through 1209/C09 as of August 27, 2002.
- (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 800-1209/C09 is \$367,789.00. An additional amount of \$14,610.00 is obligated under this contract for payment of fee, for a total of \$382,399.00."

FUNDING RECAPITULATION:

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT- ANNEXES 1-5 AND 8-12)

	Estimated Cost	Award Fee	Total
Prior Obligation	\$12,256,482.00	\$437,341.00	\$12,693,823.00
This Action	0.00	0.00	\$0.00
New Obligation	\$12,256,482.00	\$437,341.00	\$12,693,823.00

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	Total Cost
Prior Obligation	\$150,000.00
This Action	\$0.00
New Obligation	\$150,000.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT – ANNEXES 7 AND 14)

	Total Fixed Price
Prior Obligation	\$2,144,081.36
This Action	\$0.00
New Obligation	\$2,144,081.36

TOTAL FUNDING OBLIGATION (ANNEXES 1-5, 7-12, AND 14)

	Estimated Cost/Price	Award Fee	Total
Prior Obligation	\$14,550,563.36	\$437,341.00	\$14,987,904.00
This Action	\$0.00	\$0.00	\$0.00
New Obligation	\$14,550,563.36	\$437,341.00	\$14,987,904.36

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 24	
2. AMENDMENT/MODIFICATION NO. 912		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable) CODE	
CODE		BJ3/T40		CODE	
281-483-4214/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: Michael D. Dallas, Program Manager
 6500 West Freeway, Suite 600
 Fort Worth, TX 76116

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate changes into the Contract as shown on Page 2. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Michael Dallas, Project Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR /s/ M. Dallas (Signature of person authorized to sign)	15C. DATE SIGNED 8/21/02	16B. UNITED STATES OF AMERICA BY /s/ V. Marburger (Signature of Contracting Officer)	16C. DATE SIGNED 8/21/02

A. Section C, Annex 3.3.2d, "Performance Requirements" is replaced in its entirety with the following:

"d. Provide a monthly FCA Status Report to the Directed Services *TMR by the 10th of each month. The report shall contain, as a minimum: (1) Work accomplished during the reporting period, (2) Schedule status and milestones, (3) Problems encountered, (4) Suggested plan/program improvements, and (5) Equipment status changes and costs."

B. Section J, Attachment A, Phase-In Plan, is replaced in its entirety with the enclosed plan.

C. Section J, Attachment C, DRD AN-1-5, "Frequency," is replaced in its entirety with the following:

"Report is due quarterly of the Fiscal Year. Due date is 30 days following the end of the previous quarter."

D. Section J, Attachment E-72 is replaced in its entirety with the enclosed page.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 911		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. 02183JB1(N)	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: Michael D. Dallas, Program Manager 6500 West Freeway, Suite 600 Fort Worth, TX 76116					
CODE (X)		FACILITY CODE			
9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)			
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056		10B. DATED (SEE ITEM 13) January 31, 2002			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:					
(a) By completing Items 8 and 15, and returning <input type="checkbox"/> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
ACCOUNTING AND APPROPRIATION DATA (If required)					
998-00-00-00-HG-JB2540-JA11 FS 54 PY 02 DECREASE \$50,000					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
d. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return <u>0</u> copies to the issuing office.					
14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to: Decrease the amount for funding purposes (B.6.1) by \$50,000 and recapitulate prior funding. Increase the cumulative amounts for orders previously obligated under Annexes 6 and 13. Incorporate a page change in the wage determination. The conformed contract in SPICE contains full text changes. Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger			
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Original Signed by:</u> (Signature of Contracting Officer)		16C. DATE SIGNED <u>7/23/02</u>	

A. Section B.4.1 is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

The total firm fixed price of Delivery Orders 1 through 176 is \$5,934,486.03 as of July 22, 2002."

B. Section B.5.1 is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$187,199.00. The maximum available award fee, excluding base fee, if any, is \$7,433.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$194,632.00. This allotment covers Task Orders 800 through 877 as of July 22, 2002.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for this Annex 13 is \$187,199.00. This allotment is for Annex 13 of this contract and covers the following estimated period of performance: April 1, 2002, through March 31, 2003. An additional amount of \$7,386.00 is obligated under this contract for payment of fee."

C. D. Section B.6.1 is replaced in its entirety with the following:

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$150,000.00. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through September 30, 2002.

D. Section J, Attachment E-72 is replaced in its entirety with the enclosed page.

FUNDING RECAPITULATION:

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT- ANNEXES 1-5 AND 8-12)

	Estimated Cost	Award Fee	Total
Prior Obligation	\$12,256,482.00	\$437,341.00	\$12,693,823.00
This Action	\$0.00	\$0.00	\$0.00
New Obligation	\$12,256,482.00	\$437,341.00	\$12,693,823.00

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	Total Cost
Prior Obligation	\$200,000.00
This Action	-\$50,000.00
New Obligation	\$150,000.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT – ANNEXES 7 AND 14)

	Total Fixed Price
Prior Obligation	\$2,144,081.36
This Action	\$0.00
New Obligation	\$2,144,081.36

TOTAL FUNDING OBLIGATION (ANNEXES 1-5, 7-12, AND 14)

	Estimated Cost/Price	Award Fee	Total
Prior Obligation	\$14,600,563.36	\$437,341.00	\$15,037,904.36
This Action	-\$50,000.00	\$0.00	-\$50,000.00
New Obligation	\$14,550,563.36	\$437,341.00	\$14,987,904.36

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 46	
2. AMENDMENT/MODIFICATION NO. 910		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
CODE		BJ3/T40		CODE	
281-483-4214/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: Michael D. Dallas, Program Manager
 6500 West Freeway, Suite 600
 Fort Worth, TX 76116

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.	
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22	
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	
d. OTHER (Specify type of modification and authority) X Mutual Agreement of the Parties	

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate changes into the Contract as shown on Page 2. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Michael Dallas, Project Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR Original Signed by: (Signature of person authorized to sign)	15C. DATE SIGNED 07/22/02	16B. UNITED STATES OF AMERICA BY Original Signed by: (Signature of Contracting Officer)	16C. DATE SIGNED 07/23/02

A. Section C, Annex 1.6.1.a, Performance Requirement, is replaced in its entirety with the following:

"a) Perform all corrective actions per requirements specified in Section J, Attachment F. On the 15th of the month, for all corrective actions initiated, provide the Administrative *TMR a summary containing a brief description of the problem requiring corrective action, the actions planned, the actions taken, and a status (date open and closed). All corrective action plans shall be made available to the Administrative *TMR upon request."

B. Section C, Annex 1.6.5.1, Performance Requirement is replaced in its entirety with the following:

"Develop, acquire, maintain, record, and report all monthly customer satisfaction metrics for each annex by the 15th of each month. These monthly metrics shall be included in the CMMS Management Information System metrics identified in Table 8-2 of Annex 8."

C. Section C, Annex 9.11.1, Performance Requirement, the first sentence is replaced in its entirety with the following:

"Track all information required at *JSC and EPFOL, on a quarterly basis, required to assess progress towards P2 goals, the effectiveness of the Program, to develop agency and regulatory reports, and to submit award applications."

D. Section G.8 (d) is replaced in its entirety with the following:

"(d) Public vouchers for payment of fee shall be prepared similarly to the procedures in paragraphs (b) or (c) of this clause, whichever is applicable, and be forwarded to:

NASA Johnson Space Center
Attn: BJ3/Contracting Officer
2101 NASA Road 1
Houston, TX 77058

This is the designated billing office for fee vouchers for purposes of the Prompt Payment clause of this contract."

E. Section I.1 is updated to add the following clause:

"FAR 52.232-25 PROMPT PAYMENT Alternate I (Feb 2002)

(e) *Invoices for interim payments* . For interim payments under this cost-reimbursement contract for services-

(1) Paragraphs (a)(2), (a)(3), (a)(4)(ii), (a)(4)(iii), and (a)(5)(i) do not apply;

(2) For purposes of computing late payment interest penalties that may apply, the due date for payment is the 30th day after the designated billing office receives a proper invoice; and

(3) The contractor shall submit invoices for interim payments in accordance with paragraph (a) of FAR 52.216-7, Allowable Cost and Payment. If the invoice does not comply with contract requirements, it will be returned within 7 days after the date the designated billing office received the invoice."

F. Section J, Attachment A, Part 3, Quality Control Plan, is replaced in its entirety with the enclosed plan.

G. Section J, Attachment C, DRD AN-1-10, Frequency of Data Reporting, is replaced in its entirety with the following:

"The Contractor shall continuously maintain electronic on-line access to the most recent data required in this DRD. The access shall be formally reported by the 15th of each month.

The Contractor shall submit data, records, and reports required by this DRD via hard copies once per month, or as otherwise may be noted, during entire contract period. This hardcopy and electronic copy shall be due to Government on the 15th of each month, or as otherwise noted."

E. Section J, Attachment E-72 is replaced in its entirety with the enclosed page.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. 909		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. See next page	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058		CODE BJ3/T40		5. PROJECT NO. (If applicable)	
281-483-4214/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: Michael D. Dallas, Program Manager
 6500 West Freeway, Suite 600
 Fort Worth, TX 76116

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page Increase \$4,904,432.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the amount available for funding purposes (Annexes 1-5, 7-12, and 14) by \$4,904,432.00 and recapitulate prior funding. Increase the cumulative amounts for orders previously obligated under Annexes 6 and 13. See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Original Signed by:</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>7/8/02</u>

A. Section B.4.1 is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

The total firm fixed price of Delivery Orders 1 through 141 is \$1,433,433.73 as of September 8, 2002."

B. Section B.5.1 is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$170,186.00. The maximum available award fee, excluding base fee, if any, is \$6,753.00. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$176,939.00. This allotment covers Task Orders 800 through 869 as of September 8, 2002.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for this Annex 13 is \$170,186.00. This allotment is for Annex 13 of this contract and covers the following estimated period of performance: April 1, 2002, through September 8, 2002. An additional amount of \$6,706.00 is obligated under this contract for payment of fee."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$12,256,482.00. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through September 30, 2002.

(b) An additional amount of \$437,341.00 is obligated under this contract for payment of fee.

(End of clause)"

D. Section B.6.1 is replaced in its entirety with the following:

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$200,000.00. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through September 30, 2002.

E. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$2,144,081.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted."

FUNDING RECAPITULATION:

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT- ANNEXES 1-5 AND 8-12)

	Estimated Cost	Award Fee	Total
Prior Obligation	\$8,387,109.00	\$282,566.00	\$8,669,675.00
This Action	\$3,869,373.00	\$154,774.00	\$4,024,148.00
New Obligation	\$12,256,482.00	\$437,340.00	\$12,693,823.00

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	Total Cost
Prior Obligation	\$100,000.00
This Action	\$100,000.00
New Obligation	\$200,000.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT – ANNEXES 7 AND 14)

	Total Fixed Price
Prior Obligation	\$1,363,797.36
This Action	\$780,284.00
New Obligation	\$2,144,081.36

TOTAL FUNDING OBLIGATION (ANNEXES 1-5, 7-12, AND 14)

	Estimated Cost/Price	Award Fee	Total
Prior Obligation	\$9,850,906.36	\$282,566.00	\$10,133,472.36
This Action	\$4,749,657.00	\$154,775.00	\$4,904,432.00
New Obligation	\$14,600,563.36	\$437,341.00	\$15,037,904.36

COST REIMBURSABLE

02186JA1-001(Y)	FS29/PY02	P99-25-CO-SS-PA-JA2540-JA11	\$70,000.00
02186JA1-002(Y)	FS29/PY02	P99-27-CO-SS-PA-JA2540-JA11	\$122,000.00
02186JA1-003(Y)	FS29/PY02	P99-54-CO-SS-PA-JA2540-JA11	\$273,000.00
02186JA1-004(Y)	FS52/PY02	P99-23-CO-SS-PS-JA2540-JA11	\$300,000.00
02186JA1-005(Y)	FS54/PY02	P99-B2-CO-SS-PA-JA2540-JA11	\$2,162,156.00
02186JA1-006(Y)	FS54/PY02	P99-B2-CO-SS-HG-JA2540-JA11	\$184,002.00
02186JA1-007(Y)	FS54/PY02	P99-B2-CO-SS-HF-JA2540-JA11	\$216,467.00
02186JA1-008(Y)	FS54/PY02	P99-B2-CO-SS-4D-JA2540-JA11	\$696,523.00
Total Cost Reimbursable			\$4,024,148.00

FIXED PRICE

02182JA2-001(Y)	FS 29/PY 02	P99-B6-CO-SS-RA-JA2540-JA11	\$30,000.00
02182JA2-002(Y)	FS 29/PY 02	P99-B9-CO-SS-RA-JA2540-JA11	\$18,000.00
02182JA2-003(Y)	FS 29/PY 02	P99-D3-CO-SS-RA-JA2540-JA11	\$66,344.00
02182JA2-004(Y)	FS 29/PY 02	P99-E1-CO-SS-RA-JA2540-JA11	\$21,172.00
02182JA2-005(Y)	FS 52/PY 02	P99-23-CO-SS-RA-JA2540-JA11	\$29,109.00
02182JA2-006(Y)	FS 54/PY 02	P99-B2-CO-SS-RA-JA2540-JA11	\$423,893.00
02182JA2-007(Y)	FS 54/PY 01	P99-B2-CO-SS-NB-JA2540-JA11	\$96,064.00
02182JA2-008(Y)	FS 54/PY 02	P99-B2-CO-SS-NB-JA2540-JA11	\$95,702.00
Total Fixed Price			\$780,284.00

SUPPLY

02183JB1(Y)	FS 54/PY 02	998-00-00-00-HG-JB2540-JA11	\$100,000.00
Total Supply			\$100,000.00
TOTAL			\$4,904,432.00

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 7	
2. AMENDMENT/MODIFICATION NO. 908		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058 281-483-4214/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: Michael D. Dallas, Program Manager
 6500 West Freeway, Suite 600
 Fort Worth, TX 76116

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	d. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings. Including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate changes into the Contract as shown on Page 2. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Original Signed by:</u> (Signature of Contracting Officer)	16C. DATE SIGNED 7/3/02

A. Section C, Annex 2.1.3, Non Specified Equipment (NSE), is replaced in its entirety with the following:

"A group of non-collateral equipment that is not specified in the contract and will have maintenance and repair provided, if required, by Task Order."

B. Section C, Annex 12.5.5.9, Performance Requirements, is replaced in its entirety with the following:

"Prepare the ****Vehicle Fleet Mileage Express Report** and submit to the Transportation *TMR by the 20th of each month."

C. Section C, Annex 14.2.13(g), Performance Requirements, is replaced in its entirety with the following:

"Track information on a monthly basis on the waste generation, costs of disposal and recycling, and amount of wastes recycled. Track information electronically (Excel or other similar format) and place information in location, such as shared server folder, that is accessible to the Environmental *TMR. Update the information by the 30th day of each month for previous month's activities.

Information tracked includes, but is not limited to: cubic feet and tons of solid waste collected; total cost of disposal of waste via landfill and cost by cubic feet or tons; cubic feet and tons of recycled solid waste; revenue received from recycling for each recycled item; value per cubic foot or ton received for each recycled item; a list of all transportation fees associated with recycling; total % of waste diverted from landfilling; restraints or impediments to recycling."

D. Section G.2 is replaced in its entirety with the following:

"SECURITY/BADGING REQUIREMENTS FOR FOREIGN NATIONAL VISITORS AND EMPLOYEES/REPRESENTATIVES OF FOREIGN CONTRACTORS (JSC 52.204-91)(MAR 2002)

(a) An employee of a domestic Johnson Space Center (JSC) contractor or its subcontractor who is not a U.S. citizen (foreign national) may not be admitted to the JSC site for purposes of performing work without special arrangements. In addition, all employees or representatives of a foreign JSC contractor/subcontractor may not be admitted to the JSC site without special arrangements. For employees as described above, advance notice must be given to the Security Office of the host installation [JSC or White Sands Test Facility (WSTF)] at least 3 weeks prior to the scheduled need for access to the site so that instructions on obtaining access may be provided.

(b) All visit/badge requests for persons described in (a) above must be entered in the NASA Request for Request (RFR) and Foreign National Management System (NFMMS) for acceptance, review, concurrence and approval purposes. When an authorized company official requests a JSC or WSTF badge for site access, he/she is certifying that steps have been taken to ensure that its contractor or subcontractor employees, visitors, or representatives will not be given access to export-controlled or classified information for which they are not authorized. These individuals shall serve as the contractor's representative(s) in certifying that all visit/badge request forms are processed in accordance with JSC and WSTF security and export control procedures. No foreign national, representative, or resident alien

contractor/subcontractor employee shall be granted access into JSC or WSTF until a completed RFR has been approved and processed through the NFNMS. Unescorted access will not be granted unless a favorable National Agency Check (NAC) has been completed by the JSC Security Office.

(c) The contractor agrees that it will not employ for the performance of work onsite at the JSC or WSTF any individuals who are not legally authorized to work in the United States. If the JSC or WSTF Industrial Security Specialist or the contracting officer has reason to believe that any employee of the contractor may not be legally authorized to work in the United States and/or on the contract, the contractor may be required to furnish copies of Form I-9 (Employment Eligibility Verification), U.S. Department of Labor Application for Alien Employment Certification, and any other type of employment authorization document.

The contractor agrees to provide the information requested by the JSC or WSTF Security Office in order to comply with NASA policy directives and guidelines related to foreign visits to NASA facilities so that (1) the visitor/employee/ representative may be allowed access to JSC or other NASA Centers for performance of this contract, (2) required investigations can be conducted, and (3) required annual or revalidation reports can be submitted to NASA Headquarters. All requested information must be submitted in a timely manner in accordance with instructions provided by JSC or any other Center to be visited.

(End of clause)"

E. Section G.5 is replaced in its entirety with the following:

"IDENTIFICATION OF EMPLOYEES (JSC 52.242-92)(MAR 2002)

At all times while on Government property, the contractor, subcontractors, their employees and agents shall wear badges which will be issued by the NASA Badging & Visitor Control Office, located in Building 110 at the Johnson Space Center (JSC), or at the Main Gate at the White Sands Test Facility (WSTF). JSC employee badges will be issued only between the hours of 7:30 a.m. to 4 p.m., Monday through Thursday, and 7:30 a.m. to 12 p.m. on Friday. JSC visitor badges will be issued between the hours of 6 a.m. to 10 p.m., 7 days a week. WSTF employee badges will be issued only between the hours of 8 a.m. to 2 p.m., Monday through Friday. WSTF visitor badges will be issued on a 7-day a week, 24-hour a day basis. Resident aliens and foreign nationals/representatives shall be issued green foreign national badges.

Each individual who wears a badge shall be required to declare citizenship and sign personally for the badge. The contractor shall be held accountable for issued badges and all other related items and must assure that they are returned to the NASA Badging & Visitor Control Offices upon completion of work under the contract in accordance with Security Management Directive (SMD) 500-15, "Security Termination Procedures." Failure to comply with the NASA contractor termination procedures upon completion of the work (e.g., return of badges, decals, keys, CAA cards, clearance terminations, JSC Public Key Infrastructure (PKI)/special program deletions, etc.) may result in final payment being delayed.

(End of clause)"

F. Section G.8 (c)(1) is replaced in its entirety with the following:

"If the contractor is authorized to submit interim cost vouchers directly to the NASA paying office, the original voucher should be submitted to:

NASA Johnson Space Center
Attn: LF/Financial Management Division
2101 NASA Road 1
Houston, TX 77058"

G. Section G.16 is added:

"INDIRECT COST CEILINGS (JSC 52.232-94)(DEC 1999)

Without otherwise affecting the applicability of the cost principles set forth in Part 31 of the Federal Acquisition Regulation, which are a part of this contract pursuant to the clause entitled "Allowable Cost and Payment," the following agreements are made as to contract ceilings and cost categorization:

(a) Costs

1. Direct Costs: See Contract Value delineated in Section B3 – B5.
2. Indirect Costs: See Contract Value delineated in Section B3 – B5.

(b) Provisional and Ceiling Cost Rates

Overhead and General and Administrative (G&A) Expense are subject to the provisional and ceiling rates set forth below. To prevent substantial over or under payment (except where ceiling is reached), the provisional billing rates may, at the discretion of the contracting officer, be revised, either upward or downward, and such revision shall be set forth in an amendment to this contract.

Costs attributable to a rate increment in excess of the established ceiling rates (shown above) shall be unallowable unless caused by a) compliance with new state or Federal legal requirements or b) depreciation of capital investment when that investment has contributed directly and substantial to increased productivity.

By way of example and not limitation, changes such as base or rate changes over time to specific items within an existing legal requirement such as Federal Insurance Compensation Act (FICA), Federal

Unemployment Insurance (FUI) and State Unemployment Insurance (SUI) are not considered a “new legal requirement.” If the contractor incurs costs in excess of the ceiling rates as a result of a) or b) above, and wishes to obtain reimbursement, they shall submit a proposal that sets forth, fully and completely, the facts and circumstances believed to be responsible for the incurrence of costs above the ceiling(s).

An equitable adjustment will be made in the contract ceiling(s) only if, and to the extent, that the contractor's proposal demonstrates that the costs incurred in excess of the ceilings were attributable to the circumstances described in a) or b). The contractor's rationale must demonstrate that the costs incurred in excess of the ceilings were not reasonably susceptible to being offset by reasonable and prudent reductions in indirect costs in other areas within the contractor's control. Any unallowable costs shall not be recovered under this or any other Government contract.

The base of application for computing the Overhead rates (both provisional and ceiling) shall be: In accordance with the DynCorp disclosure statement; subject to DCAA audit.

The overhead cost pool is composed of the following cost elements: In accordance with the DynCorp disclosure statement; subject to DCAA audit.

The base of application for computing the G&A rates (both provisional and ceiling) shall be In accordance with the DynCorp disclosure statement; subject to DCAA audit and FPR.

The G&A cost pool is comprised of the following cost elements: In accordance with the DynCorp disclosure statement; subject to DCAA audit.

(End of clause)”

H. Section H.9 is updated to include the names of key personnel:

I. Section I.1 is updated to add the following clause:

“FAR 52.215-17 WAIVER OF FACILITIES CAPITAL COST OF MONEY (OCT 1997)”

J. Section I.8 is replaced in its entirety with the following:

“SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES (NFS 1852.204-76)(JULY 2001)

- (a) The Contractor shall be responsible for Information Technology security for all systems connected to a NASA network or operated by the Contractor for NASA, regardless of location.

This clause is applicable to all or any part of the contract that includes information technology resources or services in which the Contractor must have physical or electronic access to NASA's sensitive information contained in unclassified systems that directly support the mission of the Agency. This includes information technology, hardware, software, and the management, operation, maintenance, programming, and system administration of computer systems, networks, and telecommunications systems. Examples of tasks that require security provisions include:

- (1) Computer control of spacecraft, satellites, or aircraft or their payloads;
 - (2) Acquisition, transmission or analysis of data owned by NASA with significant replacement cost should the contractor's copy be corrupted; and
 - (3) Access to NASA networks or computers at a level beyond that granted the general public, e.g. bypassing a firewall.
- (b) The Contractor shall provide, implement, and maintain an IT Security Plan. This plan shall describe the processes and procedures that will be followed to ensure appropriate security of IT resources that are developed, processed, or used under this contract. The plan shall describe those parts of the contract to which this clause applies. The Contractor's IT Security Plan shall be compliant with Federal laws that include, but are not limited to, the Computer Security Act of 1987 (40 U.S.C. 1441 et seq.) and the Government Information Security Reform Act of 2000. The plan shall meet IT security requirements in accordance with Federal and NASA policies and procedures that include, but are not limited to:
- (1) OMB Circular A-130, Management of Federal Information Resources, Appendix III, Security of Federal Automated Information Resources;
 - (2) NASA Procedures and Guidelines (NPG) 2810.1, Security of Information Technology; and
 - (3) Chapter 3 of NPG 1620.1, NASA Security Procedures and Guidelines.
- (c) Within 90 days after contract award, the contractor shall submit for NASA approval an IT Security Plan. This plan must be consistent with and further detail the approach contained in the offeror's proposal or sealed bid that resulted in the award of this contract and in compliance with the requirements stated in this clause. The plan, as approved by the Contracting Officer, shall be incorporated into the contract as a compliance document.
- (d)(1) Contractor personnel requiring privileged access or limited privileged access to systems operated by the Contractor for NASA or interconnected to a NASA network shall be screened at an appropriate level in accordance with NPG 2810.1, Section 4.5; NPG 1620.1, Chapter 3; and paragraph (d)(2) of this clause. Those Contractor personnel with non-privileged access do not require personnel screening. NASA shall provide screening using standard personnel screening National Agency Check (NAC) forms listed in paragraph (d)(3) of this clause, unless contractor screening in accordance with paragraph (d)(4) is approved. The Contractor shall submit the required forms to the NASA Center Chief of Security (CCS) within fourteen (14) days after contract award or assignment of an individual to a position requiring screening. The forms may be obtained from the CCS. At the option of the government, interim access may be granted pending completion of the NAC.
- (2) Guidance for selecting the appropriate level of screening is based on the risk of adverse impact to NASA missions. NASA defines three levels of risk for which screening is required (IT-1 has the highest level of risk):

(i) **IT-1** -- Individuals having privileged access or limited privileged access to systems whose misuse can cause very serious adverse impact to NASA missions. These systems include, for example, those that can transmit commands directly modifying the behavior of spacecraft, satellites or aircraft.

(ii) **IT-2** -- Individuals having privileged access or limited privileged access to systems whose misuse can cause serious adverse impact to NASA missions. These systems include, for example, those that can transmit commands directly modifying the behavior of payloads on spacecraft, satellites or aircraft; and those that contain the primary copy of "level 1" data whose cost to replace exceeds one million dollars.

(iii) **IT-3** -- Individuals having privileged access or limited privileged access to systems whose misuse can cause significant adverse impact to NASA missions. These systems include, for example, those that interconnect with a NASA network in a way that exceeds access by the general public, such as bypassing firewalls; and systems operated by the contractor for NASA whose function or data has substantial cost to replace, even if these systems are not interconnected with a NASA network.

(3) Screening for individuals shall employ forms appropriate for the level of risk as follows:

(i) **IT-1**: Fingerprint Card (FC) 258 and Standard Form (SF) 85P, Questionnaire for Public Trust Positions (Information regarding financial record, question 22, and the Authorization for Release of Medical Information are not applicable);

(ii) **IT-2**: FC 258 and SF 85, Questionnaire for Non-Sensitive Positions; and

(iii) **IT-3**: NASA Form 531, Name Check, and FC 258.

(4) The Contracting Officer may allow the Contractor to conduct its own screening of individuals requiring privileged access or limited privileged access provided the Contractor can demonstrate that the procedures used by the Contractor are equivalent to NASA's personnel screening procedures. As used here, equivalent includes a check for criminal history, as would be conducted by NASA, and completion of a questionnaire covering the same information as would be required by NASA.

(5) Screening of contractor personnel may be waived by the Contracting Officer for those individuals who have proof of --

(i) Current or recent national security clearances (within last three years);

(ii) Screening conducted by NASA within last three years; or

(iii) Screening conducted by the Contractor, within last three years, that is equivalent to the NASA personnel screening procedures as approved by the Contracting Officer under paragraph (d)(4) of this clause.

(e) The Contractor shall ensure that its employees, in performance of the contract, receive annual IT security training in NASA IT Security policies, procedures, computer ethics, and best practices in accordance with NPG 2810.1, Section 4.3 requirements. The contractor may use web-based training available from NASA to meet this requirement.

(f) The Contractor shall afford NASA, including the Office of Inspector General, access to the Contractor's and subcontractors' facilities, installations, operations, documentation, databases and personnel used in performance of the contract. Access shall be provided to the extent required to carry out a program of IT inspection, investigation and audit to safeguard against threats and hazards to the integrity, availability and confidentiality of NASA data or to the function of computer systems operated on behalf of NASA, and to preserve evidence of computer crime.

(g) The Contractor shall incorporate the substance of this clause in all subcontracts that meet the conditions in paragraph (a) of this clause.

(End of clause)"

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. 907	3. EFFECTIVE DATE Same as Block 16c	4. REQUISITION/PURCHASE REQ. NO. See next page	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058	CODE BJ3/T40 281-483-4214/34173 (fax)	7. ADMINISTERED BY (If other than Item 6) Same as Block 6	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)

DynCorp Technical Services, LLC
Attn: Michael D. Dallas, Program Manager
6500 West Freeway, Suite 600
Fort Worth, TX 76116

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

See next page Increase \$2,666,605.36

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:

Increase the amount available for funding purposes (Annexes 1-5, 7-12, and 14) by \$2,666,605 and recapitulate prior funding. Increase the cumulative amounts for orders previously obligated under Annexes 6 and 13. See enclosed pages for changes. The conformed contract in SPICE contains full text changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Original Signed by: (Signature of Contracting Officer)	16C. DATE SIGNED 05/28/02

A. Section B.4.1 is replaced in its entirety with the following:

"B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

The total firm fixed price of Delivery Orders 1 through 68 is \$458,184.16 as of May 22, 2002."

B. Section B.5.1 is replaced in its entirety with the following:

"B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$64,111. The maximum available award fee, excluding base fee, if any, is \$2,517. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$66,628. This allotment covers Task Orders 800 through 828 as of May 22, 2002.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for this Annex 13 is \$64,111. This allotment is for Annex 13 of this contract and covers the following estimated period of performance: April 1, 2002, through June 29, 2002. An additional amount of \$2,470 is obligated under this contract for payment of fee."

C. Section B.6 is replaced in its entirety with the following:

"B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$8,387,109. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through September 30, 2002.

(b) An additional amount of \$282,566 is obligated under this contract for payment of fee.

(End of clause)"

D. Section H.3 is replaced in its entirety with the following:

"H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 1852.232-77)
(MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$1,363,797.36 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:"

FUNDING RECAPITULATION:

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT- ANNEXES 1-5 AND 8-12)

	Estimated Cost	Award Fee	Total
Prior Obligation	\$5,879,810.00	\$182,274.00	\$6,062,084.00
This Action	\$2,507,299.00	\$100,292.00	\$2,607,591.00
New Obligation	\$8,387,109.00	\$282,566.00	\$8,669,675.00

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	Total Cost
Prior Obligation	\$100,000.00
This Action	\$0.00
New Obligation	\$100,000.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT – ANNEXES 7 AND 14)

	Total Fixed Price
Prior Obligation	\$1,304,783.00
This Action	\$59,014.3600
New Obligation	\$1,363,797.00

TOTAL FUNDING OBLIGATION (ANNEXES 1-5, 7-12, AND 14)

	Estimated Cost/Price	Award Fee	Total
Prior Obligation	\$7,284,593.00	\$182,274.00	\$7,466,867.00
This Action	\$2,566,313.3600	\$100,292.00	\$2,666,605.3600
New Obligation	\$9,850,906.3600	\$282,566.00	\$10,133,472.3600

PR Number	Fund Source	PWC	Amount
02142JA1-001(Y)	FS 29/PY 02	P99-B9-CO-SS-PA-JA2540-JA11	\$97,825.00
02142JA1-002(Y)	FS 29/PY 02	P99-D3-CO-SS-PA-JA2540-JA11	\$922,460.00
02142JA1-003(Y)	FS 29/PY 02	P99-D3-CO-SS-4D-JA2540-JA11	\$250,244.00
02142JA1-004(Y)	FS 29/PY 02	P99-D3-CO-SS-HF-JA2540-JA11	\$40,659.00
02142JA1-005(Y)	FS 29/PY 02	P99-D6-CO-SS-HF-JA2540-JA11	\$25,600.00
02142JA1-006(Y)	FS 29/PY 01	P99-E1-CO-SS-HF-JA2540-JA11	\$42,919.00 \$1,379,707.00
02141JA4-001(Y)	FS 54/PY 02	283-10-CO-SS-PA-JA2540-JA11	\$468,704.00
02141JA4-002(Y)	FS 54/PY 02	283-10-CO-SS-DA-JA2540-JA11	\$212,180.00 \$680,884.00
02141JA2(Y)	FS 52/PY 02	575-81-03-CS-PA-JA2540-JA11	\$275,000.00
02141JA3(Y)	FS 54/PY 02	375-20-10-AM-PA-JA2540-JA11	\$272,000.00
		Total for B.6	\$2,607,591.00

02142JA2-001(Y)	FS 29/FY 02	P99-E1-CO-SS-RA-JA2540-JA11	\$5,909.00
02142JA2-002(Y)	FS 29/PY 02	P99-49-CO-SS-RA-JA2540-JA11	\$31,932.96
02142JA2-003(Y)	FS 54/PY 02	P99-B2-CO-SS-NB-JA2540-JA11	\$21,172.40
		Total for H.3	\$59,014.36

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056	PAGE OF PAGES 1 5
2. AMENDMENT/MODIFICATION NO. 906	3. EFFECTIVE DATE Same as Block 16c BJ3/T40	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058 281-483-4214/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)

DynCorp Technical Services, LLC
Attn: Michael D. Dallas, Program Manager
6500 West Freeway, Suite 600
Fort Worth, TX 76116

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
(d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to make the following changes:

- (a) Add B.4.1 to track the cumulative value and funding of delivery orders issued-to-date for Annex 6.
 - (b) Add B.5.1 to track the cumulative value and funding for task orders issued-to-date for Annex 13.
 - (c) Incorporate the enclosed page change (J-E-72) for the GPPA Collective Bargaining Agreement.
- Changes to the affected sections are shown within the highlighted areas.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Original Signed by: (Signature of Contracting Officer)	16C. DATE SIGNED 05/03/2002

FUNDING RECAPITULATION:

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT- ANNEXES 1-5 AND 8-12)

	Estimated Cost	Award Fee	Total
Prior Obligation	\$5,879,810.00	\$182,274.00	\$6,062,084.00
This Action	\$.00	\$0.00	\$0.00
New Obligation	\$5,879,810.00	\$182,274.00	\$6,062,084.00

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS (ANNEX 10)

	Total Cost
Prior Obligation	\$100,00.00
This Action	\$0.00
New Obligation	\$100,000.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT – ANNEXES 7 AND 14)

	Total Fixed Price
Prior Obligation	\$1,304,783.00
This Action	\$0.00
New Obligation	\$1,304,783.00

TOTAL FUNDING OBLIGATION (ANNEXES 1-5, 7, 8-12, AND 14)

	Estimated Cost/Price	Award Fee	Total
Prior Obligation	\$7,284,593.00	\$182,274.00	\$7,466,867.00
This Action	\$0.00	\$0.00	\$0.00
New Obligation	\$7,284,593.00	\$182,274.00	\$7,466,867.00

SECTION B

SUPPLIES OR SERVICES AND PRICES/COSTS

B.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE – N/A

B.2 SUPPLIES AND/OR SERVICES TO BE FURNISHED

a. General --This contract is for center operations support services (COSS) for the Johnson Space Center (JSC) including those facilities at JSC, Ellington Field, and the Sonny Carter Training Facility (SCTF) using a hybrid of cost-reimbursement and, firm fixed price contracting methods. The contract also incorporates an award fee provision. The Contractor shall provide all resources (except as may be expressly stated in this contract as furnished by the Government) necessary to provide COSS in accordance with the Statement of Work in Section C. The services to be performed under the terms and conditions of this contract will be acquired as detailed below:

b. Routine Cost-Reimbursable Services – Annexes 1 through 5 and 8 through 12 of the statement of work (SOW) describe center operations support services work that is routinely required and for which accurate workload requirements are specified.

c. Non-Routine Cost-Reimbursable Services – Annex 13 of the SOW allows the Government to acquire on a cost-reimbursable, ID/IQ basis additional services within the general scope of COSS that either are not routine in nature or for which an accurate workload estimate does not exist at the time of contract award.

d. Routine Fixed-Price Services – Annexes 7 and 14 of the SOW describe center operations grounds and custodial support services work that are routinely required and for which accurate workload requirements are specified.

e. Non-Routine Fixed-Price Services – Annex 6 of the SOW allows the Government to acquire additional services such as construction services, additional grounds maintenance, and additional custodial services on a fixed-price, ID/IQ basis.

(End of clause)

B.3 ID/IQ

(a) The guaranteed minimum contract value of work that will be ordered under this contract, and which will be initiated through the issuance of either fixed-price delivery orders under Annex 6 of the SOW or cost-reimbursable task orders under Annex 13 of the SOW shall be \$200,000 per contract year. The maximum value that can be ordered under the ID/IQ provisions of this contract each contract year is \$20,000,000.

(b) If the Government orders supplies or services in excess of the minimum but not up to the maximum, this circumstance shall not constitute the basis for an equitable adjustment to any contract price, estimated cost or fee.

(End of clause)

The following contract clause entitled "FIRM FIXED PRICE (NASA 1852.216-78) (DEC 1988)" identifies the total fixed price to be paid to the contractor for acceptable performance of all services described in Annexes 7 and 14.

B.4 FIRM FIXED PRICE (NASA 1852.216-78) (DEC 1988)

The total firm fixed price of phase-in is \$691,024. The total firm fixed price of work contained in Annexes 7 and 14 is \$5,697,236.

(End of clause)

The following contract clause entitled "CUMULATIVE DELIVERY ORDERS (ANNEX 6) identifies the total fixed price to be paid to the contractor for acceptable performance of all services described in issued delivery orders. This amount will be updated on a periodic basis to reflect the totals from issued delivery orders. The delivery orders are fully funded as they are issued, therefore the cumulative firm fixed price also represents the funding. These delivery orders are not subject to the Limitation of Funds Clause.

B.4.1 CUMULATIVE DELIVERY ORDERS (ANNEX 6)

The total firm fixed price of Delivery Orders 1 through 33 is \$206,365.16 as of May 2, 2002, 2002.

The following contract clause entitled "ESTIMATED COST AND AWARD FEE (NASA 1852.216-85)-(SEPTEMBER 1993)" identifies the estimated cost and maximum award fee of this contract. The estimated cost and maximum award fee amounts do not include the value of services provided in Annexes 6, 7, 13, or 14.

B.5 ESTIMATED COST AND AWARD FEE (NASA 1852.216-85)(SEPTEMBER 1993)

The estimated cost of Annexes 1-5 and 8-12 is \$48,613,175. The maximum available award fee, excluding base fee, if any, is \$1,519,695. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are 50,132,870.

(End of clause)

The following contract clause entitled "CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13) identifies the estimated cost/award fee and associated funding for task orders issued under Annex 13. These amounts will be updated on a periodic basis to reflect the totals (both in estimated cost/award fee and associated funding) from issued task orders. These amounts represent a "snapshot" of funding based on the task orders issued at that time. The funding identified on each task order represents the amount subject to the Limitation of Funds Clause (IO 801's fee of \$47 is included in B.6(b)).

B.5.1 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$26,429. The maximum available award fee, excluding base fee, if any, is \$1,056. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$27,485. This allotment covers Task Orders 800 through 810 as of May 2, 2002.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for this Annex 13 is \$26,429. This allotment is for Annex 13 of this contract and covers the following estimated period of performance: April 1, 2002, through June 6, 2002. An additional amount of \$1,009 is obligated under this contract for payment of fee.

The following contract clause entitled "CONTRACT FUNDING (NASA 1852.232-81) (JUNE 1990)" identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the contractor to perform the services identified in Annexes 1-5 and 8-12 only. The clause also identifies the funding amount obligated under this contract for the payment of award fee.

B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$5,879,810. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through July 31, 2002.

(b) An additional amount of \$182,274 is obligated under this contract for payment of fee.

(End of clause)

The following contract clause entitled "FUNDING OF CENTER SUPPLY ACQUISITIONS" identifies the amount of funds allotted by the Government for the contractor to purchase Center supplies for re-issue to customers per Annex 10. This amount will be added to the total cost in B.5 at close-out.

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$100,000. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through June 30, 2002.

The following contract clause entitled "CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13) identifies the estimated cost/award fee and associated funding for task orders issued under Annex 13. These amounts will be updated on a periodic basis to reflect the totals (both in estimated cost/award fee and associated funding) from issued task orders. These amounts represent a "snapshot" of funding based on the task orders issued at that time. The funding identified on each task order represents the amount subject to the Limitation of Funds clause.

B.6.2 CUMULATIVE VALUE AND FUNDING FOR TASK ORDERS (ANNEX 13)

(a) The estimated cost of Annex 13 is \$ _____. The maximum available award fee, excluding base fee, if any, is \$ _____. The base fee is \$0. The total estimated cost, base fee, and maximum award fee are \$ _____. This allotment covers Task Orders 1 through _____ as of (specify date here): _____.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for this Annex 13 is \$ _____.

~~This allotment is for Annex 13 of this contract and covers the following estimated period of performance: April 1, 2002 through _____.~~

~~The following contract clause entitled "CUMULATIVE DELIVERY ORDERS (ANNEX 6)" identifies the total fixed price to be paid to the contractor for acceptable performance of all services described in issued delivery orders. This amount will be updated on a periodic basis to reflect the totals from issued delivery orders. The Delivery Orders are fully funded as they are issued, therefore the cumulative firm fixed price also represents the funding. These Delivery Orders are not subject to the Limitation of Funds Clause.~~

~~B.6.3 CUMULATIVE DELIVERY ORDERS (ANNEX 6)~~

~~The total firm fixed price of Delivery Orders 1 through _____ is \$ _____ as of _____, 2002.~~

SCHEDULE A APRIL 2002

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 6	
2. AMENDMENT/MODIFICATION NO. 905		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. 02080JB1(Y)	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6	
CODE		CODE		CODE	
281-483-4214/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: Michael D. Dallas, Program Manager
 6500 West Freeway, Suite 600
 Fort Worth, TX 76116

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required) 998-00-00-00-HG-JB2540-JA11 FS 54 PY 02 INCREASE: \$100,000

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paving office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
(x)	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to make the following administrative changes:

- (a) Add B.6.1, Funding of Center Supply Acquisitions, to fund Government expenditures for Centerwide supplies.
- (b) Add the amount available for funding purposes (B.6.1) by \$100,000 as shown on Page 2.
- (c) Correct the address for the DCAA office in G.8.

Changes to the affected sections are shown within the highlighted areas.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Valerie A. Marburger		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Original Signed by: (Signature of Contracting Officer)	16C. DATE SIGNED 04/07/2002

FUNDING RECAPITULATION:

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT)

	Estimated Cost	Award Fee	Total
Prior Obligation	\$5,879,810.00	\$182,274.00	\$6,062,084.00
This Action	\$.00	\$0.00	\$0.00
New Obligation	\$5,879,810.00	\$182,274.00	\$6,062,084.00

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

	Total Cost
Prior Obligation	\$.00
This Action	\$100,000.00
New Obligation	\$100,000.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT)

	Total Fixed Price
Prior Obligation	\$1,304,783.00
This Action	\$0.00
New Obligation	\$1,304,783.00

TOTAL FUNDING OBLIGATION

	Estimated Cost/Price	Award Fee	Total
Prior Obligation	\$7,184,593.00	\$182,274.00	\$7,366,867.00
This Action	\$100,000.00	\$0.00	\$100,000.00
New Obligation	\$7,284,593.00	\$182,274.00	\$7,466,867.00

SECTION B

SUPPLIES OR SERVICES AND PRICES/COSTS

B.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE – N/A

B.2 SUPPLIES AND/OR SERVICES TO BE FURNISHED

a. General --This contract is for center operations support services (COSS) for the Johnson Space Center (JSC) including those facilities at JSC, Ellington Field, and the Sonny Carter Training Facility (SCTF) using a hybrid of cost-reimbursement and, firm fixed price contracting methods. The contract also incorporates an award fee provision. The Contractor shall provide all resources (except as may be expressly stated in this contract as furnished by the Government) necessary to provide COSS in accordance with the Statement of Work in Section C. The services to be performed under the terms and conditions of this contract will be acquired as detailed below:

b. Routine Cost-Reimbursable Services – Annexes 1 through 5 and 8 through 12 of the statement of work (SOW) describe center operations support services work that is routinely required and for which accurate workload requirements are specified.

c. Non-Routine Cost-Reimbursable Services – Annex 13 of the SOW allows the Government to acquire on a cost-reimbursable, ID/IQ basis additional services within the general scope of COSS that either are not routine in nature or for which an accurate workload estimate does not exist at the time of contract award.

d. Routine Fixed-Price Services – Annexes 7 and 14 of the SOW describe center operations grounds and custodial support services work that are routinely required and for which accurate workload requirements are specified.

e. Non-Routine Fixed-Price Services – Annex 6 of the SOW allows the Government to acquire additional services such as construction services, additional grounds maintenance, and additional custodial services on a fixed-price, ID/IQ basis.

(End of clause)

B.3 ID/IQ

(a) *The guaranteed minimum contract value of work that will be ordered under this contract, and which will be initiated through the issuance of either fixed-price delivery orders under Annex 6 of the SOW or cost-reimbursable task orders under Annex 13 of the SOW shall be \$200,000 per contract year. The maximum value that can be ordered under the ID/IQ provisions of this contract each contract year is \$20,000,000.*

(b) If the Government orders supplies or services in excess of the minimum but not up to the maximum, this circumstance shall not constitute the basis for an equitable adjustment to any contract price, estimated cost or fee.

(End of clause)

The following contract clause entitled "FIRM FIXED PRICE (NASA 1852.216-78) (DEC 1988)" identifies the total fixed price to be paid to the contractor for acceptable performance of all services described in Annexes 7 and 14.

B.4 FIRM FIXED PRICE (NASA 1852.216-78) (DEC 1988)

The total firm fixed price of phase-in is \$691,024. The total firm fixed price of work contained in Annexes 7 and 14 is \$5,697,236.

(End of clause)

The following contract clause entitled "ESTIMATED COST AND AWARD FEE (NASA 1852.216-85) (SEPTEMBER 1993)" identifies the estimated cost and maximum award fee of this contract. The estimated cost and maximum award fee amounts do not include the value of fixed priced services to be provided in accordance with Annexes 7 and 14.

B.5 ESTIMATED COST AND AWARD FEE (NASA 1852.216-85)(SEPTEMBER 1993)

The estimated cost of Annexes 1-5 and 8-12 is \$48,613,175. The maximum available award fee, excluding base fee, if any, is \$1,519,695. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are 50,132,870.

(End of clause)

The following contract clause entitled "CONTRACT FUNDING (NASA 1852.232-81) (JUNE 1990)" identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the contractor to perform the services identified in Annexes 1-5 and 8-12 only. The clause also identifies the funding amount obligated under this contract for the payment of award fee.

B.6 CONTRACT FUNDING (NASA 1852.232-81)(JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$5,879,810. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through July 31, 2002.

(b) An additional amount of \$182,274 is obligated under this contract for payment of fee.

(End of clause)

The following contract clause entitled "FUNDING OF CENTER SUPPLY ACQUISITIONS" identifies the amount of funds allotted by the Government for the contractor to purchase Center supplies for re-issue to customers per Annex 10. This amount will be added to the total cost in B 5 at close-out.

B.6.1 FUNDING OF CENTER SUPPLY ACQUISITIONS

For purposes of payment of costs associated with the acquisition of Center supplies, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$100,000. This allotment is for Annex 10 supply expenditures and covers the following estimated period of performance: phase-in activities through June 30, 2002.

SECTION G

CONTRACT ADMINISTRATION DATA

CLAUSES THAT PERTAIN TO THE CONTRACT IN GENERAL

G.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following solicitation provisions and/or contract clauses pertinent to this section are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
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No FAR By-reference clauses in Section G.1.

II. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 18)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
1852.227-70	JUL 1995	NEW TECHNOLOGY
1852.227-86	DEC 1987	COMMERCIAL COMPUTER SOFTWARE- LICENSING
1852.242-73	JUL 2000	NASA CONTRACTOR FINANCIAL MANAGEMENT REPORTING
1852.245-70	JUL 1997	CONTRACTOR REQUESTS FOR GOVERNMENT-OWNED EQUIPMENT

The following clause (1852.245-72) applies to SOW Annexes 6, 7 & 14 only:

1852.245-72	MAR 1989	LIABILITY FOR GOVERNMENT PROPERTY FURNISHED FOR REPAIR OR OTHER SERVICES – Equipment identified in **SM Database
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1852.245-73	SEP 2000	FINANCIAL REPORTING OF NASA PROPERTY IN CUSTODY OF CONTRACTORS (In paragraph (b), the NASA office for receipt of NF1018 is: GOVERNMENT PROPERTY ADMINISTRATOR PROPERTY AND EQUIPMENT BRANCH/JB3)
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G.2 SECURITY/BADGING REQUIREMENTS FOR FOREIGN NATIONAL VISITORS AND EMPLOYEES OF FOREIGN CONTRACTORS. (JSC 52.204-91) (AUG 1999)

(a) An employee of a domestic Johnson Space Center (JSC) contractor or its subcontractor who is not a U.S. citizen and does not have lawful permanent resident status (no resident alien "green" card) may not be admitted to the JSC site for purposes of performing work without special arrangements. In addition, all employees of a foreign JSC contractor or its subcontractors may not be admitted to the JSC site without special arrangements. For employees as described above, advance notice must be given to the JSC Security Office at least 3 weeks prior to the scheduled need for access to the JSC site so that instructions on obtaining access may be provided.

(b) The contractor's signature on all JSC badge request forms (i.e., JSC Forms 473A and 473B, as applicable), is certification that steps are being taken to ensure that its contractor or subcontractor employees will not be given access to export-controlled or classified information for which they are not authorized. The contractor must designate at least one individual and one alternate who have received training in applicable security and export control matters. These individuals shall serve as the contractor's representative(s) in certifying all JSC badge request forms during normal duty hours in accordance with JSC security and export control procedures. The names, telephone numbers, e-mail addresses, and office addresses of these individuals shall be provided to the contracting officer. Any changes in this information shall be promptly forwarded to the contracting officer.

(c) The contractor agrees that it will not employ for the performance of work onsite at the JSC any individuals who are not legally authorized to work in the United States. If JSC Industrial Security Specialist or the contracting officer has reason to believe that any employee of the contractor may not be legally authorized to work in the United States, the contractor may be required to furnish copies of Form I-9 (Employment Eligibility Verification), U.S. Department of Labor Application for Alien Employment Certification, and any other type of employment authorization document.

(d) The contractor agrees to provide the information requested by the JSC Security Office in order to comply with NASA policy directives and guidelines related to foreign visits to NASA facilities so that (1) the employee may be allowed access to JSC or other NASA Centers for performance of this contract, (2) required investigations can be conducted, and (3) for annual or revalidation reports required by NASA Headquarters. All requested information must be submitted in a timely manner in accordance with instructions provided by JSC or any other Center to be visited.

(End of clause)

G.3 JSC HAZARDOUS MATERIALS USE (JSC 52.223-92) (DEC 1999)

(a) This clause is JSC-unique, and the requirements are in addition to any U.S. Environmental Protection Agency, U.S. Occupational Safety and Health Administration, or other state or Federal regulation or statute. Therefore, the following requirements do NOT supercede any statutory or regulatory requirements for any entity subject to this clause.

(b) "Hazardous materials," for the purposes of this clause, consist of the following:

(1) Those materials defined as "highly hazardous chemicals" in Occupational Safety and Health Administration Process Safety Management Regulation, 29 Code of Federal Regulation 1010.119, without regard for quantity.

(2) Those "extremely hazardous substances" subject to the emergency planning requirements in the Environmental Protection Agency Emergency Planning and Community Right-to-Know Regulation, 40 Code of Federal Regulation 355, Part 355, without regard for quantity.

(3) Those "hazardous substances" subject to the release notification requirements under Environmental Protection Agency's Emergency Planning and Community Right-to-Know Regulation, 40 Code of Federal Regulation 302.4, without regard for quantity.

(4) Any radioisotope material or device that produces ionizing radiation.

Any Class II, III, or IV laser as defined by the American National Standards Institute No. Z136.1 (1986)

(6) Any explosive or any pyrotechnics.

(7) Any pesticide.

(c) The contractor shall develop and maintain an inventory listing the identity and quantity of hazardous materials stored or used onsite at JSC for the performance of the contract.

(d) The contractor shall ensure that the proper training of its employees in the use and inherent hazards of these materials is accomplished prior to use.

(e) The contractor shall notify the JSC Occupational Health and Test Support Office (SD13) prior to any initial use or different application of these materials.

(f) The contractor shall use all hazardous materials properly and take all necessary precautions to ensure no harm is done to humans or the environment.

(g) The contractor shall insert the substance of this clause, including this Paragraph F with appropriate changes of designations of the parties, in subcontracts under which hazardous materials will be utilized, or may reasonably be expected to be utilized, onsite at JSC.

(h) In the event the contractor fails or refuses to comply with any aspect of this clause, such failure or refusal may be considered a material breach of this contract.

(End of clause)

G.4 SUBMISSION OF INVOICES FOR FIXED-PRICE SERVICES

1. Invoices for services provided in accordance with SOW Annexes 6, 7 and 14 of this contract shall be submitted to:

NASA Lyndon B. Johnson Space Center
Attn: Mail Code BJ32, Contracting Officer

2101 NASA Road 1
Houston, TX 77058-3696

2. Invoices for payment for services provided under SOW Annex 7 and 14:

The contractor shall submit an invoice (original and 2 duplicate originals) no more frequently than once per month to receive payment for properly authorized services performed in accordance with SOW Annex 7 and 14 of this contract. The contractor shall not submit a request for payment prior to actual completion of the unit(s) of work for which payment is to be requested. A properly submitted invoice for shall at a minimum provide the following information for each contract line item number (CLIN) identified in Annexes 7 and 14 of the SOW:

- The total number of units delivered to date for the contract year
- The total number of units for which payment has already been requested or made
- The number of units of work performed during the period covered by the invoice
- A statement of reconciliation if the number of units performed during the period covered by the invoice is different than the number of units for which payment is being requested
- The unit price(s) used to calculate the total payment due for each CLIN
- The total payment amount requested for each CLIN
- A statement signed by an authorized representative of the contractor states that the invoice was reviewed and that to the best of that person's knowledge and belief it appropriately and accurately requests payment for work successfully completed and for which the contractor has not previously requested or received payment

In addition to the requirements above, a properly submitted invoice shall provide a subtotal payment request amount by annex and a grand total payment request amount for all services for which payment is being requested.

3. Invoices for payment for ID/IQ services provided under SOW Annex 6: Not more frequently than twice per month, the contractor shall submit an invoice (original and 2 duplicate originals) for all delivery order work completed and accepted by the Government and for which payment has not already been requested or made. For each delivery order, upon demonstrating to the Government that work has been performed and receipt by the Government of required submittals, the contractor shall obtain written acceptance from the Government prior to requesting payment. The contractor shall not invoice for any delivery order prior to acceptance of the work by the Government. If, in the case of construction, the Government at its sole discretion agrees to make progress payments, they will be made in accordance with the clause at NFS 1852.232-82. All requests for progress payments shall include written evidence of Government acceptance of all work for which the contractor is requesting payment. If multiple service orders are authorized using a single delivery order to be scheduled later by the COTR, the contractor may request payment as frequently as permitted by this clause for service orders completed and accepted by the Government since the last invoice.

A properly submitted invoice for ID/IQ requirements shall at a minimum provide the following:

- A copy of the Government acceptance documentation for each delivery order.

- A columnar summary of all delivery orders for which payment is being requested. For each delivery order, this summary should include the delivery order number, a brief title or description, and the amount for which payment is requested.
- A grand total of all the delivery orders for which payment is being sought.

(End of Clause)

G.5 IDENTIFICATION OF EMPLOYEES (JSC 52.242-92) (SEPT 2000)

At all times while on Government property, the contractor, subcontractors, their employees and agents shall wear badges which will be issued by the NASA Visit Control Office, located in Building 110. Badges will be issued only between the hours of 7:30 a.m. and 4:30 p.m., Monday through Thursday and 7:30 a.m. to 12:00 p.m. on Friday. Each individual who wears a badge will be required to sign personally for the badge. The contractor will be held accountable for these. Failure to turn in badges upon completion of the work may result in final payment being delayed.

(End of clause)

G.6 REPAIR OF GOVERNMENT PROPERTY (JSC 52.245-91)(JUN 1986)

When removal of Government-owned property from its place of use for repair is necessary, the Contractor must prepare a JSC Form 1318 prior to removing the equipment. The form and instructions regarding its use are available from the Equipment Management Section, Building 419. The repaired Government property is to be returned to the location from which it was removed unless otherwise directed by the Government.

(End of Clause)

G.7 AWARD FEE FOR SERVICE CONTRACTS (NASA 1852.216-76) (JUN 2000)

(a) The contractor can earn award fee from a minimum of zero dollars to the maximum stated in NASA FAR Supplement clause 1852.216-85, "Estimated Cost and Award Fee" in this contract.

(b) Beginning 6 months after the effective date of this contract, the Government shall evaluate the Contractor's performance every 6 months to determine the amount of award fee earned by the contractor during the period. The Contractor may submit a self-evaluation of performance for each evaluation period under consideration. These self-evaluations will be considered by the Government in its evaluation. The Government's Fee Determination Official (FDO) will determine the award fee amounts based on the Contractor's performance in accordance with Section J, Attachment B. The plan may be revised unilaterally by the Government prior to the beginning of any rating period to redirect emphasis.

(c) The Government will advise the Contractor in writing of the evaluation results. The JSC Financial Management Division will make payment based on issuance of unilateral modification by the contracting officer.

(d) After 85 percent of the potential award fee has been paid, the Contracting Officer may direct the withholding of further payment of award fee until a reserve is set aside in an amount that the Contracting Officer considers necessary to protect the Government's interest. This reserve shall not exceed 15 percent of the total potential award fee.

(e) The amount of award fee which can be awarded in each evaluation period is limited to the amounts set forth in Section J, Attachment B. Award fee which is not earned in an evaluation period cannot be reallocated to future evaluation periods.

(f) (1) Provisional award fee payments will be made under this contract pending the determination of the amount of fee earned for an evaluation period. If applicable, provisional award fee payments will be made to the Contractor on a monthly basis. The total amount of award fee available in an evaluation period that will be provisionally paid is the lesser of 70 percent or the prior period's evaluation score.

(2) *Provisional award fee payments will be superseded by the final award fee evaluation for that period. If provisional payments exceed the final evaluation score, the Contractor will either credit the next payment voucher for the amount of such overpayment or refund the difference to the Government, as directed by the Contracting Officer.*

(3) *If the Contracting Officer determines that the Contractor will not achieve a level of performance commensurate with the provisional rate, payment of provisional award fee will be discontinued or reduced in such amounts as the Contracting Officer deems appropriate. The Contracting Officer will notify the Contractor in writing if it is determined that such discontinuance or reduction is appropriate.*

(4) Provisional award fee payments will not be made prior to the first award fee determination by the Government.

(g) Award fee determinations are unilateral decisions made solely at the discretion of the Government.

(End of clause)

G.8 SUBMISSION OF VOUCHERS FOR PAYMENT

(a) All requests for reimbursement of allowable, allocable and reasonable costs incurred in accordance with the terms of this contract to perform services required by SOW Annexes 1 through 5 and 8 through 13 as well as all requests for payment of fee shall adhere to the following:

(b) The designated billing office for cost vouchers for purposes of the Prompt Payment clause of this contract is indicated below. Public vouchers for payment of costs shall include a reference to the number of this contract.

(c) (1) If the contractor is authorized to submit interim cost vouchers directly to the NASA paying office, the original voucher should be submitted to:

Defense Contract Audit Agency

Dallas Branch Office
DynCorp Suboffice
6500 West Freeway, Suite 217
Fort Worth, TX 76116

(2) *For any period that the Defense Contract Audit Agency has authorized the Contractor to submit interim cost vouchers directly to the Government paying office, interim vouchers are not required to be sent to the Auditor, and are considered to be provisionally approved for payment, subject to final audit.*

(3) Copies of vouchers should be submitted as directed by the Contracting Officer.

(d) *If the contractor is not authorized to submit interim cost vouchers directly to the paying office as described in paragraph (b), the contractor shall prepare and submit vouchers as follows:*

(1) One original Standard Form (SF) 1034, SF 1035, or equivalent Contractor's attachment to:

Defense Contract Audit Agency

Dallas Branch Office
DynCorp Suboffice
6500 West Freeway, Suite 217
Fort Worth, TX 76116

(2) Five copies of SF 1034, SF 1035A, or equivalent Contractor's attachment to the following offices by insertion in the memorandum block of their names and addresses:

- (i) Copy 1 NASA Contracting Officer
 - (ii) Copy 2 Auditor
 - (iii) Copy 3 Contractor
 - (iv) Copy 4 Contract administration office; and
 - (v) Copy 5 Project management office.
- (3) The Contracting Officer may designate other recipients as required.

(d) Public vouchers for payment of fee shall be prepared similarly to the procedures in paragraphs (b) or (c) of this clause, whichever is applicable, and be forwarded to:

NASA/Johnson Space Center

ATTN: LF23/FUNDING AND COMMERCIAL ACCOUNTING SECTION
HOUSTON, TX 77058

This is the designated billing office for fee vouchers for purposes of the Prompt Payment clause of this contract.

(e) In the event that amounts are withheld from payment in accordance with provisions of this contract, a separate voucher for the amount withheld will be required before payment for that amount may be made.

(End of clause)

G.9 TECHNICAL DIRECTION (NASA 1852.242-70) (SEP 1993)

(a) Performance of the work under this contract is subject to the written technical direction of the Contracting Officer Technical Representative (COTR), who shall be specifically appointed by the Contracting Officer in writing in accordance with NASA FAR Supplement 1842.270.

"Technical direction" means a directive to the Contractor that approves approaches, solutions, designs, or refinements; fills in details or otherwise completes the general description of work or documentation items; shifts emphasis among work areas or tasks; or furnishes similar instruction to the Contractor. Technical direction includes requiring studies and pursuit of certain lines of inquiry regarding matters within the general tasks and requirements in Section C of this contract.

(b) The COTR does not have the authority to, and shall not, issue any instruction purporting to be technical direction that --

- (1) Constitutes an assignment of additional work outside the statement of work;
- (2) Constitutes a change as defined in the changes clause;
- (3) Constitutes a basis for any increase or decrease in the total estimated contract cost, the fixed fee (if any), or the time required for contract performance;
- (4) Changes any of the expressed terms, conditions, or specifications of the contract;
- or (5) Interferes with the contractor's rights to perform the terms and conditions of the contract.

(c) All technical direction shall be issued in writing by the COTR.

(d) The Contractor shall proceed promptly with the performance of technical direction duly issued by the COTR in the manner prescribed by this clause and within the COTR's authority. If, in the Contractor's opinion, any instruction or direction by the COTR falls within any of the categories defined in paragraph (b) of this clause, the Contractor shall not proceed but shall notify the Contracting Officer in writing within 5 working days after receiving it and shall request the Contracting Officer to take action as described in this clause. Upon receiving this notification, the Contracting Officer shall either issue an appropriate contract modification within a reasonable time or advise the Contractor in writing within 30 days that the instruction or direction is--

(1) Rescinded in its entirety; or

(2) Within the requirements of the contract and does not constitute a change under the changes clause of the contract, and that the Contractor should proceed promptly with its performance.

(e) A failure of the contractor and contracting officer to agree that the instruction or direction is both within the requirements of the contract and does not constitute a change under the changes clause, or a failure to agree upon the contract action to be taken with respect to the instruction or direction, shall be subject to the Disputes clause of this contract.

(f) Any action(s) taken by the contractor in response to any direction given by any person other than the Contracting Officer or the COTR shall be at the Contractor's risk.

(End of clause)

G. 10 INSTALLATION-ACCOUNTABLE GOVERNMENT PROPERTY (NASA 1852.245-71)
(JUNE 1998) (ALTERNATE I) (MAR 1989)

(a) The Government property described in the clause at G.12 (1852.245-77 List of Installation-Accountable Property and Services) shall be made available to the Contractor on a no-charge basis for use in performance of this contract. This property shall be utilized only within the physical confines of the NASA installation that provided the property. Under this clause, the Government retains accountability for, and title to, the property, and the Contractor assumes the following user responsibilities:

The responsibilities of the Contractor as contemplated by this clause are defined in the following property management directives and installation supplements to these directives.

- a. NPG 4200.1, NASA Equipment Management Manual
- b. NPG 4200.2, NASA Equipment Management Procedures and Guidelines for Property Custodians
- c. NPG 4300.1, NASA Personal Property Disposal Procedures and Guidelines
- d. NPG 4100.1, NASA Materials Inventory Management Manual. JSC will provide the Contractor with all applicable regulations, handbooks, and other materials that may be required.
- e. JPG 5151.2, Johnson Space Center Support Contractor Procedures and Guidelines

The contractor shall establish and adhere to a system of written procedures for compliance with these user responsibilities. Such procedures must include holding employees liable, when appropriate, for loss, damage, or destruction of Government property.

(b)(1) The official accountable recordkeeping, physical inventory, financial control, and reporting of the property subject to this clause shall be retained by the Government and accomplished by the installation Supply and Equipment Management Officer (SEMO) and Financial Management Officer. If this contract provides for the contractor to acquire property, title to which will vest in the Government, the following additional procedures apply:

(i) The contractor's purchase order shall require the vendor to deliver the property to the installation central receiving area;

(ii) The contractor shall furnish a copy of each purchase order, prior to delivery by the vendor, to the installation central receiving area:

(iii) The contractor shall establish a record of the property as required by FAR 45.5 and 1845.5 and furnish to the Industrial Property Officer a DD Form 1149 Requisition and Invoice/Shipping Document (or installation equivalent) to transfer accountability to the Government within 5 working days after receipt of the property by the contractor. The contractor is accountable for all contractor-acquired property until the property is transferred to the Government's accountability.

(iv) Contractor use of Government property at an off-site location and off-site subcontractor use require advance approval of the contracting officer and notification of the SEMO. The contractor shall assume accountability and financial reporting responsibility for such property. The contractor shall establish records and property control procedures and maintain the property in accordance with the requirements of FAR Part 45.5 until its return to the installation.

(2) After transfer of accountability to the Government, the contractor shall continue to maintain such internal records as are necessary to execute the user responsibilities identified in paragraph (a) and document the acquisition, billing, and disposition of the property. These records and supporting documentation shall be made available, upon request, to the SEMO and any other authorized representatives of the contracting officer.

(3) The contractor shall not utilize the installation's central receiving facility for receipt of Contractor-acquired property. However, the Contractor shall provide listings suitable for establishing accountable records of all such property received, on a quarterly basis, to the Contracting Officer and Supply and Equipment Management Officer.

(End of Clause)

G.11 LIST OF GOVERNMENT FURNISHED PROPERTY (NASA 1852.245-76) (OCT 1988)

For performance of work under this contract, the Government will make available Government property identified below or in Section J, Attachment I, List 1, List 2 and List 3 on a no charge for use basis. The Contractor shall use this property in the performance of this contract at JSC and at other location(s) as may be approved by the Contracting Officer. Under FAR 52.245 Government property clauses of this contract, the Contractor is accountable for the identified property.

(End of Clause)

G.12 LIST OF INSTALLATION-ACCOUNTABLE PROPERTY AND SERVICES (NASA 1852.245-77) (JULY 1997)

In accordance with the clause 1852.245-71, Installation - Accountable Government Property the Contractor is authorized use of the types of property and services listed below, to the extent they are available, in the performance of this contract within the physical borders of the installation which may include buildings and space owned or directly leased by NASA in close proximity to the installation, if so designated by the Contracting Officer.

(a) Office space, work area space, and utilities. Government telephones are available for official purposes only; pay telephones are available for contractor employees for unofficial calls.

(b) General - including office furniture as exists at contract start.

(1) Equipment to be made available is listed in Attachment I, List 4 GFP (critical) of Section J. The Government retains accountability for this property under the clause at G.10, 1852.245-71, Installation-Accountable Government Property, regardless of its authorized location.

(2) If the contractor acquires property, title to which vests in the Government pursuant to other provisions of this contract, this property also shall become accountable to the Government upon its entry into Government records as required by the clause at G.10, 1852.245-71, Installation-Accountable Government Property.

(c) Publications and blank forms stocked by the installation.

(d) Safety and fire protection for Contractor personnel and facilities.

(e) Installation service facilities:

1. Audiovisual: Presentation services, sound services, Release Print Film Library, Film Repository, and loan of audiovisual equipment.

2. Automatic Data Processing (ADP) Services (onsite only): Generally, this includes access to large general-purpose computer systems, 225 workstations, and the accessing media; i.e., terminals, printers, data communications, and consultation and training in the use of said systems. Unless otherwise specified in the contract, this does not include providing computer systems or ADP services for the Contractor business management, accounting, and administrative functions as well as scanners for use with NASA-wide applications.

3. Disposal Services: Disposal services for excess onsite and offsite Contractor-held/Government-owned property.

4. Fabrication Services: Fabrication services such as machining, sheet metal and welding, electronics, metal finishing, model and plastics, and precision cleaning.

5. Photography, Processing, and Closed-Circuit Television: For technical and scientific photography, photographic processing, photographic sciences, and closed-circuit television.

6. Pickup and Delivery of Official Mail: Within the Center and to and from the Albert Thomas Post Office, provided the mail is properly sealed and stamped. Such mail will be picked up or dropped from only one point as designated by JSC or, if preferred, JSC will provide a box in the central mailroom for the Contractor to pick up and deposit its mail.

(f) Medical treatment of a first-aid nature for Contractor personnel injuries or illnesses sustained during on-site duty.

(g) Cafeteria privileges for Contractor employees during normal operating hours.

(h) Building maintenance for facilities occupied by Contractor personnel.

(i) Moving and hauling for office moves if directed by the Government, movement of large equipment. Moving services shall be provided on-site, as approved by the Contracting Officer.

(j) The user responsibilities of the Contractor are defined in paragraph (a) of the clause at 1852.245-71, Installation-Accountable Government Property.

7. Calibration Laboratory.

(End of Clause)

G.13 SUBCONTRACTING GOALS

For purposes of this clause, the terms, "HUBZone Small Business Concern," "Small Disadvantaged Business Concern," "Veteran-Owned Small Business Concern," and "Women-Owned Small Business Concern" are defined in paragraph 2.101 of the Federal Acquisition Regulation.

The total subcontracting goal expressed, as a percent of total contract value, is 36 percent, including options and includes the following goals:

Small Disadvantaged Business Concerns	17 percent
Woman-owned Business Concerns	6 percent
HUBZone Small Business Concerns	2 percent
Veteran-Owned Business Concerns	.25 percent

(End of Clause)

G.14 SECURITY REQUIRMENTS FOR JSC SPECIAL ACCESS PROGRAMS

The contractor shall ensure that all employees, subcontractors, and agents assigned to the Information Technology (I/T) Program, and personnel requiring security clearances or access to security areas (limited, restricted, closed), meet established screening requirements in accordance with NPG 1620.1, JMI 1620.1D and Security Management Directive No.500-9.

(End of Clause)

G.15 DESIGNATION OF NEW TECHNOLOGY REPRESENTATIVE AND PATENT REPRESENTATIVE (NASA 1852.227-72)(JULY 1997)

(a) For purposes of administration of the clause of this contract entitled "New Technology" or "Patent Rights--Retention by the Contractor (Short Form)," whichever is included, the following named representatives are hereby designated by the Contracting Officer to administer such clause:

Title	Office Code	Address (including zip code)
New Technology Representative	HA/Technology Transfer & Commercialization Office	NASA Johnson Space Center, Houston, TX 77058
Patent Representative	HA/Technology Transfer & Commercialization Office	NASA Johnson Space Center, Houston, TX 77058

(b) Reports of reportable items, and disclosure of subject inventions, interim reports, final reports, utilization reports, and other reports required by the clause, as well as any correspondence with respect to such matters, should be directed to the New Technology Representative unless transmitted in response to correspondence or request from the Patent Representative. Inquires or requests regarding disposition of rights, election of rights, or related matters should be directed to the Patent Representative. This clause shall be included in any subcontract hereunder requiring a "New Technology" clause or "Patent Rights--Retention by the Contractor (Short Form)" clause, unless otherwise authorized or directed by the Contracting Officer. The respective responsibilities and authorities of the above-named representatives are set forth in 1827.305-370 of the NASA FAR Supplement.

(End of clause)

CLAUSES THAT PERTAIN TO CONSTRUCTION ONLY

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
1852.232-82	MAR 1989	SUBMISSION OF REQUESTS FOR PROGRESS PAYMENTS

CLAUSES THAT PERTAIN TO ARCHITECT AND ENGINEER ONLY – N/A

[END OF SECTION]

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE NAS9-01056		PAGE OF PAGES 1 1	
2. AMENDMENT/MODIFICATION NO. 904		3. EFFECTIVE DATE Same as Block 16c BJ3/T40		4. REQUISITION/PURCHASE REQ. NO. See Below	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable) CODE	
				281-483-4214/34173 (fax)	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: Michael D. Dallas, Program Manager
 6500 West Freeway, Suite 600
 Fort Worth, TX 76116

CODE (X)		FACILITY CODE	
9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056		10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required) See Below

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(X)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
()	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
 The purpose of this modification is to make the following administrative changes:

- (a) Correct the PR information (for FMD purposes only) for the basic award (Fixed Price/H.3):
 02025JA1(Y) P99-23-CO-SS-PA-JA2540-JA11 PY 02/FS 52 \$691,024
 (b) Close Planning PR 01022JA1(Y)
 (c) Task Order Number 1 is changed to Task Order Number 800.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Original Signed by:</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>04/04/2002</u>

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 1	
2. AMENDMENT/MODIFICATION NO. 903		3. EFFECTIVE DATE Same as Block 16c		4. REQUISITION/PURCHASE REQ. NO. N/A	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	
8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code) DynCorp Technical Services, LLC Attn: Michael D. Dallas, Program Manager 17043 El Camino Real, Suite 201 Houston, TX 77058					

CODE	FACILITY CODE
(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required) N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to make the following administrative changes: (a) Modification Number 1 is renumbered as Modification Number 901 and (b) Modification Number 2 is renumbered as Modification Number 902.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Valerie A. Marburger		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Original Signed by:</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>03/29/2002</u>

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 25
2. AMENDMENT/MODIFICATION NO. 902	3. EFFECTIVE DATE Same as Block 16c BJ3/T40	4. REQUISITION/PURCHASE REQ. NO N/A	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058 281-483-4214/34173 (fax)		7. ADMINISTERED BY (If other than Item 6) CODE Same as Block 6	

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: Michael D. Dallas, Program Manager
 17043 El Camino Real, Suite 201
 Houston, TX 77058

CODE (X)	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required) N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate the enclosed page changes for the Collective Bargaining Agreements and Davis Bacon Wage Determination into Section J-E.

Where possible, changes to the affected sections are shown within the highlighted areas.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Original Signed by:</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>03/27/2002</u>

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. 901		3. EFFECTIVE DATE Same as Block 16c BJ3/T40		4. REQUISITION/PURCHASE REQ. NO. See Page 2	
6. ISSUED BY NASA Lyndon B. Johnson Space Center Attn: BJ3/Valerie A. Marburger 2101 NASA Road 1 Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) Same as Block 6		5. PROJECT NO. (If applicable)	
CODE		CODE			
281-483-4214/34173 (fax)					

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)
 DynCorp Technical Services, LLC
 Attn: Michael D. Dallas, Program Manager
 17043 El Camino Real, Suite 201
 Houston, TX 77058

CODE		FACILITY CODE	
(X)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS9-01056	10B. DATED (SEE ITEM 13) January 31, 2002	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

ACCOUNTING AND APPROPRIATION DATA (If required) See Page 2

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). FAR 52.232-22 and NFS 1852.232-77
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to increase the amount available for funding purposes as shown on Page 2 for Sections B.6 (cost reimbursement) and H.3 (fixed price) and recapitulate prior funding.

Changes to the affected sections are shown within the highlighted areas.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Valerie A. Marburger	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Original Signed by:</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>03/25/2002</u>

Continuation of Page 1, Block 14:

PR Number	Fund Source	PWC	Amount
02079JA1-001(Y)	FS 54/PY 02	P99-B2-CO-SS-PA-JA2540-JA11	\$1,519,664.00
02079JA1-002(Y)	FS 54/PY 02	P99-B2-CO-SS-4D-JA2540-JA11	\$81,756.00
02079JA1-003(Y)	FS 54/PY 02	P99-B2-CO-SS-HG-JA2540-JA11	\$468,999.00
02079JA1-004(Y)	FS 54/PY 02	P99-B2-CO-SS-HF-JA2540-JA11	\$140,822.00
02079JA1-005(Y)	FS 29/PY 02	P99-D3-CO-SS-PA-JA2540-JA11	\$433,000.00
02079JA1-006(Y)	FS 52/PY 01	P99-23-CO-SS-PA-JA2540-JA11	\$9,123.17
02079JA1-007(Y)	FS 52/PY 02	P99-23-CO-SS-PA-JA2540-JA11	\$250,000.00
02079JA1-008(Y)	FS 29/PY 02	P99-49-CO-SS-PA-JA2540-JA11	\$14,603.83 \$2,917,968.00
02079JA2-001(Y)	FS 54/PY 02	283-10-CO-SS-PA-JA2540-JA11	\$1,706,296.00
02079JA2-002(Y)	FS 54/PY 02	283-10-CO-SS-DA-JA2540-JA11	\$337,820.00 \$2,044,116.00
02079JA3(Y)	FS 52/PY 02	575-81-CO-SS-PA-JA2540-JA11	\$450,000.00
02079JA4(Y)	FS 54/PY 02	375-20-10-AM-PA-JA2540-JA11	\$650,000.00
Total for B.6			\$6,062,084.00
02079JA5-001(Y)	FS 54/PY 02	P99-B2-CO-SS-RA-JA2540-JA11	\$466,304.00
02079JA5-002(Y)	FS 54/PY 02	P99-B2-CO-SS-NB-JA2540-JA11	\$147,455.00
Total for H.3			\$613,759.00

FUNDING RECAPITULATION:

B.6 CONTRACT FUNDING (COST-REIMBURSEMENT)

	<u>Estimated Cost</u>	<u>Award Fee</u>	<u>Total</u>
Prior Obligation	\$ 0.00	\$ 0.00	\$ 0.00
This Action:	<u>\$5,879,810.00</u>	<u>\$ 182,274.00</u>	<u>\$6,062,084.00</u>
New Obligation:	\$5,879,810.00	\$ 182,274.00	\$6,062,084.00

H.3 LIMITATION OF FUNDS (FIXED PRICE CONTRACT)

Prior Obligation:	\$ 691,024.00
This Action:	<u>\$ 613,759.00</u>
New Obligation:	\$1,304,783.00

TOTAL FUNDING OBLIGATION

Prior Obligation:	\$ 691,024.00	\$ 0.00	\$ 691,024.00
This Action:	<u>\$6,493,569.00</u>	<u>\$ 182,274.00</u>	<u>\$6,675,843.00</u>
New Obligation:	\$7,184,593.00	\$ 182,274.00	\$7,366,867.00

SECTION B

SUPPLIES OR SERVICES AND PRICES/COSTS

B.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE – N/A

B.2 SUPPLIES AND/OR SERVICES TO BE FURNISHED

a. General --This contract is for center operations support services (COSS) for the Johnson Space Center (JSC) including those facilities at JSC, Ellington Field, and the Sonny Carter Training Facility (SCTF) using a hybrid of cost-reimbursement and, firm fixed price contracting methods. The contract also incorporates an award fee provision. The Contractor shall provide all resources (except as may be expressly stated in this contract as furnished by the Government) necessary to provide COSS in accordance with the Statement of Work in Section C. The services to be performed under the terms and conditions of this contract will be acquired as detailed below:

b. Routine Cost-Reimbursable Services – Annexes 1 through 5 and 8 through 12 of the statement of work (SOW) describe center operations support services work that is routinely required and for which accurate workload requirements are specified.

c. Non-Routine Cost-Reimbursable Services – Annex 13 of the SOW allows the Government to acquire on a cost-reimbursable, ID/IQ basis additional services within the general scope of COSS that either are not routine in nature or for which an accurate workload estimate does not exist at the time of contract award.

d. Routine Fixed-Price Services – Annexes 7 and 14 of the SOW describe center operations grounds and custodial support services work that are routinely required and for which accurate workload requirements are specified.

e. Non-Routine Fixed-Price Services – Annex 6 of the SOW allows the Government to acquire additional services such as construction services, additional grounds maintenance, and additional custodial services on a fixed-price, ID/IQ basis.

(End of Clause)

B.3 ID/IQ

(a) *The guaranteed minimum contract value of work that will be ordered under this contract, and which will be initiated through the issuance of either fixed-price delivery orders under Annex 6 of the SOW or cost-reimbursable task orders under Annex 13 of the SOW shall be \$200,000 per contract year. The maximum value that can be ordered under the ID/IQ provisions of this contract each contract year is \$20,000,000.*

(b) If the Government orders supplies or services in excess of the minimum but not up to the maximum, this circumstance shall not constitute the basis for an equitable adjustment to any contract price, estimated cost or fee.

(End of Clause)

The following contract clause entitled "FIRM FIXED PRICE (NASA 1852.216-78) (DEC 1988)" identifies the total fixed price to be paid to the contractor for acceptable performance of all services described in Annexes 7 and 14.

B.4 FIRM FIXED PRICE (NASA 1852.216-78) (DEC 1988)

The total firm fixed price of phase-in is \$691,024. The total firm fixed price of work contained in Annexes 7 and 14 is \$5,697,236.

(End of Clause)

The following contract clause entitled "ESTIMATED COST AND AWARD FEE (NASA 1852.216-85) (SEPTEMBER 1993)" identifies the estimated cost and maximum award fee of this contract. The estimated cost and maximum award fee amounts do not include the value of fixed priced services to be provided in accordance with Annexes 7 and 14.

B.5 ESTIMATED COST AND AWARD FEE (NASA 1852.216-85) (SEPTEMBER 1993)

The estimated cost of Annexes 1-5 and 8-12 is \$48,613,175. The maximum available award fee, excluding base fee, if any, is \$1,519,695. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are 50,132,870.

(End of clause)

The following contract clause entitled "CONTRACT FUNDING (NASA 1852.232-81) (JUNE 1990)" identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the contractor to perform the services identified in Annexes 1-5 and 8-12 only. The clause also identifies the funding amount obligated under this contract for the payment of award fee.

B.6 CONTRACT FUNDING (NASA 1852.232-81) (JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$5,879,810. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: phase-in activities through July 31, 2002.

(b) An additional amount of \$182,274 is obligated under this contract for payment of fee.

(End of clause)

SECTION H

SPECIAL CONTRACT REQUIREMENTS

CLAUSES THAT PERTAIN TO THE CONTRACT IN GENERAL

H.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following solicitation provisions and/or contract clauses pertinent to this section are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
52.236-9	APR 1984	PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS
52.236-12	APR 1984	CLEANING UP
52.236-13	NOV 1991	ACCIDENT PREVENTION (ALTERNATE I) (NOV 1991)

II. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 18)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
18-52.208-81	AUG 1993	RESTRICTIONS ON PRINTING AND DUPLICATING
18-52.223-70	MAY 2001	SAFETY AND HEALTH
18-52.223-75	MAY 2001	MAJOR BREACH OF SAFETY OR SECURITY
18-52.225.70	FEB 2000	EXPORT LICENSES (fill-in JSC)
18-52.242-72	AUG 1992	OBSERVANCE OF LEGAL HOLIDAYS

The following clause (NASA 1852.216-80) only applies to SOW Annex 13:

H.2 TASK ORDERING PROCEDURE (NASA 1852.216-80) (OCT 1996)

(a) Only the Contracting Officer may issue task orders to the Contractor, providing specific authorization or direction to perform work within the scope of the contract and as specified in the schedule. The Contractor may incur costs under this contract in performance of task orders and task order modifications issued in accordance with this clause. No other costs are authorized unless otherwise specified in the contract or expressly authorized by the Contracting Officer.

(b) Prior to issuing a task order, the Contracting Officer shall provide the Contractor with the following data:

(1) A functional description of the work identifying the objectives or results desired from the contemplated task order.

(2) Proposed performance standards to be used as criteria for determining whether the work requirements have been met.

(3) A request for a task plan from the Contractor to include the technical approach, period of performance, appropriate cost information, and any other information required to determine the reasonableness of the Contractor's proposal.

(c) Within 7 calendar days after receipt of the Contracting Officer's request, the Contractor shall submit a task plan conforming to the request.

(d) After review and any necessary discussions, the Contracting Officer may issue a task order to the Contractor containing, as a minimum, the following:

(1) Date of the order.

(2) Contract number and order number.

(3) *Functional description of the work identifying the objectives or results desired from the task order, including special instructions or other information necessary for performance of the task.*

(4) Performance standards, and where appropriate, quality assurance standards.

(5) *Maximum dollar amount authorized (cost and fee or price). This includes allocation of award fee among award fee periods, if applicable.*

(6) Any other resources (travel, materials, equipment, facilities, etc.) authorized.

(7) Delivery/performance schedule including start and end dates.

(8) If contract funding is by individual task order, accounting and appropriation data.

(e) The Contractor shall provide acknowledgment of receipt to the Contracting Officer within 2 calendar days after receipt of the task order.

(f) *If time constraints do not permit issuance of a fully defined task order in accordance with the procedures described in paragraphs (a) through (d), a task order which includes a ceiling price may be issued.*

(g) The Contracting Officer may amend tasks in the same manner in which they were issued.

(h) In the event of a conflict between the requirements of the task order and the Contractor's approved task plan, the task order shall prevail.

(End of clause)

The following clause (NASA 1852.232.77) entitled "Limitation of Funds (Fixed-Price Contract)" only identifies the funding available for payment of services provided under Annex 7 and Annex 14 of the SOW. The clause (NASA 1852.232-81) entitled "Contract Funding" in Section B of this contract identifies the funding available for payment of services provided under Annexes 1-5 and 8-12 of the SOW. The funds available for payment fixed-price, ID/IQ services will be identified on each delivery order issued under Annex 6 of the SOW.

H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 18-52 232-77) (MARCH 1989)

(a) Of the total price for phase-in and Annex 7 and 14, the sum of \$1,304,783 is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:

SCHEDULE FOR ALLOTMENT OF FUNDS

Date

Amounts

Sufficient amounts to incrementally fund performance of Annexes 7 and 14 requirements

(b) The Contractor agrees to perform or have performed work on the items specified in paragraph (a) above up to the point at which, if this contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs (f) and (g) of that clause would, in the exercise of reasonable judgment by the Contractor, approximate the total amount at the time allotted to the contract. The Contractor is not obligated to continue performance of the work beyond that point. The Government is not obligated in any event to pay or reimburse the Contractor more than the amount from time to time allotted to the contract, anything to the contrary in the Termination for Convenience of the Government clause notwithstanding.

(c) (1) It is contemplated that funds presently allotted to this contract will cover the work to be performed through August 30, 2002.

(2) *If funds allotted are considered by the Contractor to be inadequate to cover the work to be performed until the above date, or an agreed date in substitution for it, the Contractor shall notify the Contracting Officer in writing when within the next 60 days the work will reach a point at which, if the contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs (f) and (g) of that clause will approximate 75 percent of the total amount then allotted to the contract.*

(3)(i) *The notice shall state the state the estimated date when the point referred to in subparagraph (2) above will be reached and the estimated amount of additional funds required to continue performance to the date specified in subparagraph (1) above, or an agreed date substituted for it. (ii) The Contractor shall, 60 days in advance of the date specified in subparagraph (1) above, or an agreed date substituted for it, advise the Contracting Officer in writing as to the estimated amount of additional funds required for the timely performance of the contract for a further period as may be specified in the contract or otherwise agreed to by the parties.*

(4) If, after the notification referred to in subdivision (3)(ii) above, additional funds are not allotted by the date specified in subparagraph (1) above, or an agreed date substituted for it, the Contracting Officer shall, upon the Contractor's written request, terminate this contract on that date or on the date set forth in the request, whichever is later, pursuant to the Termination for Convenience of the Government clause.

(d) When additional funds are allotted from time to time for continued performance of the work under this contract, the parties shall agree on the applicable period of contract performance, which shall be covered by such funds. The provisions of paragraphs (b) and (c) above shall apply to such additional allotted funds and substituted date pertaining thereto, and the contract shall be amended accordingly.

(e) If, solely by reason of the Government's failure to allot additional funds in amounts sufficient for the timely performance of this contract, the Contractor incurs additional costs or is delayed in the performance of the work under this contract, and if additional funds are allotted, an equitable adjustment shall be made in the price or prices (including appropriate target, billing and ceiling prices where applicable) of the items to be delivered, or in the time of delivery, or both.

(f) The Government may at any time prior to termination, and, with the consent of the Contractor, after notice of termination, allot additional funds for this contract.

(g) The provisions of this clause with respect to termination shall in no way be deemed to limit the rights of the Government under the default clause of this contract. The provisions of this Limitation of Funds clause are limited to the work on and allotment of funds for the items set forth in paragraph (a) above. This clause shall become inoperative upon the allotment of funds for the total price of said work except for rights and obligations then existing under this clause.

(h) Nothing in this clause shall affect the right of the Government to terminate this contract pursuant to the Termination for Convenience of the Government clause of this contract.

(End of clause)

H.4 REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFERORS (JSC 52.209-90) (SEP 1988)

This contract incorporates Section K, Representations, Certifications, and Other Statements of Offerors, as set forth in the Contractor's proposal 9-BJ32-T63-0-24P dated December 27, 2001, by reference, with the same force and effect as if it were given in full text.

(End of Clause)

H.5 PROVIDING FACILITY ITEMS

The purpose of this clause is to set forth the parties' intent regarding their respective responsibilities for providing facility items under this contract. The parties accordingly agree as follows:

(a) "Provide" as used in this clause has the same meaning as set forth in NASA FAR Supplement 1845.301. "Facilities" as used in this clause has the same meaning as set forth in FAR 45.301.

(b) The Contractor shall replace any of the existing facilities identified in the clause at G.11 entitled "List of Government Furnished Property (NASA 1852.245-76)" that reach the end of their useful life during the contract period or which are beyond economical maintenance or repair, if the facilities are still needed for contract performance. Such replacements shall be made with contractor-owned facilities and shall not be a direct charge to the contract.

(c) The contractor shall not acquire facility items for the Government, unless specifically authorized by the contract or consent has been obtained in writing from the Contracting Officer

pursuant to FAR 45.302-1(a). The Contractor agrees to provide all facilities necessary for performance of this contract except as provided in paragraph (b) above.

(d) It is agreed by both parties that the following Government-provided equipment will not be replaced by the contractor, but will be replaced by the Government: The list of critical items located at Section J, Attachment I, List 4 GFP (critical).

(e) The contractor may unilaterally act to replace equipment items valued at less than \$25,000; however, for equipment items valued at more than \$24,999, the replacement, although with contractor-owned facilities, must be approved in writing by the Contracting Officer.

(End of Clause)

The following clause entitled "CAPITAL EQUIPMENT" applies to the extent the contractor acquires capital equipment for use in the performance of Annexes 1-5 and 8-13 of the SOW. The parties agree that depreciation of any capital equipment acquired by the contractor to use in performance of services under Annexes 6, 7 and 14 shall not be an allowable cost under the contract.

H.6 CAPITAL EQUIPMENT

1. Introduction: The parties recognize the contractor may, from time to time during the basic period of performance of this contract, purchase equipment for the purpose of performing work described in the SOW. Any such capital equipment will be capitalized and depreciated in accordance with the contractor's established cost accounting practices and procedures, which must be in conformance to any applicable requirements and standards of this contract.

2. Contractor Records: The contractor agrees to maintain complete records of capital equipment that is subject to this clause. Such records shall include date of purchase, purchase price, depreciation schedule, and amount of depreciation recorded from time to time. The contractor further agrees to make these records available to the Contracting Officer promptly upon the latter's request, along with the contractor's best estimate of the undepreciated balance of each equipment item.

3. Right to Purchase: The parties agree that if the Government does not exercise its option to extend the contract or does not thereafter contract with the contractor for the performance of the same, or substantially the same services contemplated by this contract, the contractor will, upon request by the Contracting Officer, transfer title to any equipment identified by the Contracting Officer from the records reference above, to either (a) the Government, or (b) a successor contractor.

4. If a request for transfer of title to the Government, the Government agrees to recognize as allowable costs under the contract, for identified capital equipment, so much of the cost of the equipment that has not been depreciated as of the end of the contract period of performance. Payment of such undepreciated balances will be no later than 30 days after transfer of title.

(END OF CLAUSE)

H.7 PARTNERING

The Government defines partnering as it relates to this contract as: a facilitated process that involves both Government and Contractor personnel meeting together for the purpose of identifying, considering alternatives, resolving and implementing improvements, for various identified Government and Contractor concerns, problems, performances, and opportunities.

Facilitated partnering meetings are to be scheduled as needed but not less than monthly. The Contractor shall provide the facilitator. During the first 30 days after contract start, the first partnering meeting shall be scheduled by the Contractor. During this initial meeting norms shall be established for subsequent partnering meetings.

(End of Clause)

The following clause entitled "Contractor Liability" applies relative to performance of requirements identified in SOW Annexes 6, 7 and 14:

H.8 CONTRACTOR LIABILITY

1. The Contractor's liability for loss, damage or destruction of Government property furnished under the "Installation-Provided Government Property" is as set forth in "Government Property (Fixed-Price Contracts) (Alternate I) (APR 1984)" clause hereof (FAR 52.245-2) .
2. The contractor's liability for the loss, damage or destruction of Government property furnished for repair or other services is as set forth in the "Liability for Government Property Furnished for Repair or Other Services" clause hereof (NFS 18-52.245-72). Government property furnished for repair or other services includes, by way of example but not limitation, all property for which contractor has custody or control of or maintenance and operations responsibility for, under this contract.
3. The contractor's liability for the loss, damage, or destruction of any other Government property shall be the same as that of any other party under the law of the State of Texas.
4. The contractor's limit of liability for loss, damage, or destruction of Government property is \$10 million for each contract year.
5. The contractor agrees to indemnify and hold the Government and its contractors and subcontractors harmless for any claim, judgment, or cost arising from the injury to or death of any person, or for damage to or loss of any property, attributable to the contractor through acts or omissions of its employees, agents or subcontractors arising out of the performance of this contract, whether such injury, death, damage, or loss is caused by negligence or otherwise.
6. The kinds and amounts of insurance the contractor agrees to provide and maintain in accordance with FAR clause 52.228-5, Insurance--Work on a Government Installation are set forth in NFS clause 18-52.228-75.

(End of Clause)

H.9 KEY PERSONNEL AND FACILITIES (NFS 1852.235-71) (MAR 1989)

(a) The personnel and/or facilities listed below are considered essential to the work being performed under this contract. Before removing, replacing, or diverting any of the listed or specified personnel or facilities, the Contractor shall (1) notify the Contracting Officer reasonably in advance and (2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract.

(b) The Contractor shall make no diversion without the Contracting Officer's written consent; provided, that the Contracting Officer may ratify in writing the proposed change, and that ratification shall constitute the Contracting Officer's consent required by this clause.

(c) *The list of personnel and/or facilities (shown) may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel and/or facilities.*

(End of clause)

H.10 CONTRACT ADJUSTMENT FOR COMPLETION FORM

(a) *The provisions and references of this clause apply only to Annexes one (1) through five (5) and Annexes eight (8) through twelve (12) of the Statement of Work (SOW). The purpose of this clause is to set forth the terms and conditions governing adjustments to the estimated cost and fee, if any, to account for growth or shrinkage in the completion form work to be performed.*

(b) The Government's objective is to have the SOW performed in the most efficient manner possible, consistent with the furnishing of high quality services. One means of achieving this objective is to minimize changes, and thus reduce or eliminate the administrative cost to both parties that are caused by issuing, pricing, and negotiation changes. The contract adjustment provisions set forth herein are intended to achieve that objective, while at the same time compensating the contractor fairly for the furnishing of services that are within a reasonable range of the baseline work (including workload data) projected to be performed under the contract.

(c) All work within Annexes one (1) through five (5) and Annexes eight (8) through twelve (12) shall be considered to fall within the baseline requirements of the contract. Except as provided in this clause, no amount of work above or below the workload data shall give rise to an equitable adjustment in the estimated cost or fee, delivery schedule, or any other contract provision.

(d) Adjustment Provisions

1. The elements of the completion form work described in Annexes one (1) through five (5) and Annexes eight (8) through twelve (12) of the SOW are often accompanied by "workload data." These data represent the Government's estimates of the level of services required, and are only intended to reflect the amount of activity anticipated for those elements of work. Workload data do not constitute a limitation on the contractor's obligation to perform work in the areas to which they relate.

2. Workload data define the thresholds that must be met before the performance of work, which exceeds or is less than the threshold, may become the basis for a contract adjustment. Subject to the Limitation of Funds Clause, the fact that the contractor has performed work that is above the workload data shall not relieve the contractor of its obligation to continue to perform such work to the extent it is required by the Government.

3. An equitable adjustment (either upwards or downwards) will be made in the cost and fee provided for in this contract if both of the following conditions are met at the end of each performance period of the contract:

(A) the workload for one or more SOW Annexes has either exceeded or has not been met by 20 percent; and,

(B) the net total cost increase or decrease of all workload data combined is greater than \$2,000,000. The appropriate unit value(s) contained in Section J, Attachment G shall be used in conjunction with the appropriate quantity variance data to calculate the net total cost increase or decrease. The unit values contained in Section J, Attachment G shall be used for the purpose of determining if either party is entitled to seek an equitable adjustment under this clause and the amount of such equitable adjustment.

The adjustment provisions of this clause shall not be construed as a limitation of the Government's rights under the Termination clause of this contract.

(e) The contractor is responsible for: tracking the performance of work in each area which is subject to workload data; keeping current, complete, and accurate records regarding the quantum of work performed in relation to the applicable workload data; making such records available to the Contracting Officer as may be requested from time to time; and submitting an adjustment proposal if the contractor believes the conditions of the paragraph (d) above are met, or if requested by the Contracting Officer. If initiated by the contractor, the contractor's proposal shall be submitted within 90 days of the last day of the contract performance period. If requested by the Contracting Officer, the proposal shall be submitted within 90 days of the request.

(End of Clause)

CLAUSES THAT PERTAIN TO CONSTRUCTION ONLY

H.11 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following solicitation provisions and/or contract clauses pertinent to this section are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
52.236-2	APR 1984	DIFFERING SITE CONDITIONS
52.236-3	APR 1984	SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK
52.236-5	APR 1984	MATERIAL AND WORKMANSHIP
52.236-6	APR 1984	SUPERINTENDENCE BY THE CONTRACTOR
52.236-7	NOV 1991	PERMITS AND RESPONSIBILITIES
52.236-8	APR 1984	OTHER CONTRACTS
52.236-10	APR 1984	OPERATIONS AND STORAGE AREAS
52.236-11	APR 1984	USE AND POSSESSION PRIOR TO COMPLETION
52.236-12	APR 1984	CLEANING UP
52.236-13	NOV 1991	ACCIDENT PREVENTION (ALTERNATE I)
52.236-14	APR 1984	AVAILABILITY AND USE OF UTILITY SERVICES
52.236-15	APR 1984	SCHEDULES FOR CONSTRUCTION CONTRACTS
52.236-21	FEB 1997	SPECIFICATIONS AND DRAWINGS

II. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 18)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
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No NASA By-reference clauses in H.11.

H.12 EXTENDED WARRANTIES-CONSTRUCTION (JSC 52.246-94) (OCT 1999)

Any extended warranty or guarantee required by the specifications shall be constructed as being in addition to the 1-year warranty required by clause 52.246.21, Warranty of Construction.

(End of Clause)

CLAUSES THAT PERTAIN TO ARCHITECT AND ENGINEER ONLY**H.13 LISTING OF CLAUSES INCORPORATED BY REFERENCE – N/A****H.14 GOVERNMENT RIGHTS (UNLIMITED) (JSC 52.227-90) (FEB 1994)**

The Government shall have the unlimited rights for the benefit of the Government in all drawings, designs, specifications, notes, and other work developed in the performance of this contract, including the right to use same on any other Government work without additional cost to the Government, and with respect thereto, the Architect-Engineer agrees to and does hereby grant to the Government a royalty-free license to all such data which may be covered by copyright and to all designs as to which any rights may be asserted or any claims established under the design patent or copyright laws. The Architect-Engineer for a period of 3 years after completion of the project agrees to furnish and to provide access to the originals or copies of all such materials on the request of the contracting officer.

(End of Clause)

[END OF SECTION]

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE 1 OF 1 PAGES
2. AMENDMENT/MODIFICATION NO. 9		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)					
6. ISSUED BY NASA JSC Attn: SEB 416/Charles Bell 2101 NASA Road 1 Houston, TX 77058 FAX 281-483-2013/281-483-1139		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)				<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. 9-BJ32-T63-0-24P <input checked="" type="checkbox"/> 9B. DATED (SEE ITEM 11) July 25, 2001 10A. MODIFICATION OF CONTRACT/ORDER NO. 10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, ☒ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.
12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER Specify type of modification and authority

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return ____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Deliver all proposals to the Johnson Space Center, 2101 NASA Road One, Houston, TX 77058-3696, Gate 4. Gate 4 can be reached by traveling east on Bay Area Boulevard from Interstate Highway I-45. Turn right off of Bay Area Boulevard at Space Center Boulevard and enter the Johnson Space Center at the first gate. NASA civil service security personnel will inspect and escort all proposal delivery vehicles to the proper location.

Potential offerors are advised to allow three hours prior to the deadline for proposal submission in order to allow sufficient time to process through NASA Security at Gate 4.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Charles C. Bell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Original Signed by) (Signature of Contracting Officer)	Sept 19, 2001

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE 1 OF 3	
2. AMENDMENT/MODIFICATION NO. 8		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY NASA JSC Attn: SEB 416/Charles Bell 2101 NASA Road 1 Houston, TX 77058 FAX 281-483-2013/281-483-1139		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)				(✓)		9A. AMENDMENT OF SOLICITATION NO.	
				X		9-BJ32-T63-0-24P	
						9B. DATED (SEE ITEM 11) July 25, 2001	
						10A. MODIFICATION OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☒ is extended, ☐ is not extended.
- Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
- (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This amendment accomplishes the following: (A) corrects an error contained in amendment number 5; (B) makes minor refinements to the solicitation that the Government believes to be in its best interest in order to eliminate potential ambiguities or misinterpretation; (C) provides information the Government believes to be in its best interest to provide in order to minimize the potential for one or more prospective offerors improperly interpreting the request for proposal; and (D) extends the date for proposal submission by five days from September 21, 2001 to September 26, 2001.

The specific details of this amendment are described on pages 2 and 3.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type Charles C. Bell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
_____ (Signature of person authorized to sign)		BY _____ (Original Signed by) (Signature of Contracting Officer)	
		Sept 14, 2001	

A. Correction of Error Contained in Amendment Number 5:

This amendment corrects Amendment 5 which incorrectly stated that Page J-E, 75 was the location of Wage Determination (WD) No. 1999-0136, CBA between BRSP (Logistics and Transportation) and Teamsters Local Union No. 968. Amendment 5 should have stated that WD 1999-0136 began on page J-E, 73. Since Section J, Attachment E was posted using the "Track Changes" feature of Microsoft Word, potential offerors will have to view (or print) without the revisions showing in order for the page numbers to appear correctly.

B. Minor Refinements to the Solicitation:

1. Corrects an inadvertent error in the data requirements document (DRD) SA-1-1. The data identified at the website URL <http://wwwsrqa.jsc.nasa.gov/HATS/> has been changed into a TRL item named "***Hats CD-ROM Version 1." As part of this amendment, replacement pages for Section J, Attachment C that updates DRD SA-1-1 are posted to the NASA Acquisition Internet Service (NAIS) with this amendment at URL <http://procurement.nasa.gov/cgi-bin/EPS/sol.cgi?acqid=94550>.
2. To eliminate potential ambiguity with regard to the requirement for the COSS contractor to provide NEMS Scanning software, the requirement in Annex 8, CLIN 8.10.b is hereby changed from:

"b. Provide IT support for the existing NEMS Scanning system. Continue to operate the existing historical portion of that system and continue to have the information available to the NEMS users. Meet with the Government to agree on the data to be scanned, keyword search, identification, interfaces, etc. Design, implement, and maintain the data necessary to recover and display the data, via ad hoc search capability. Repeat the above process as new systems are identified that need scanning support."

to:

"b. Provide IT support for the NEMS Scanning system. Continue to operate the existing historical portion of that system and continue to have the information available to the NEMS users. Meet with the Government to agree on the data to be scanned, keyword search, identification, interfaces, etc. Design, implement, and maintain the data necessary to recover and display the data, via ad hoc search capability. Repeat the above process as new systems are identified that need scanning support."

As part of this amendment, replacement pages for Annex 8 that incorporate this change are posted to the NASA Acquisition Internet Service (NAIS) with this amendment at URL <http://procurement.nasa.gov/cgi-bin/EPS/sol.cgi?acqid=94550>.

3. Section J, Attachment G is hereby modified to add corresponding items to CLINs 1.12, 1.13.5, 1.13.6, 1.14.1, 1.14.2, 1.14.3, 1.14.4, 1.14.5, and 1.14.7. As part of this amendment, replacement pages for Section J, Attachment G, that incorporate these changes are posted to the NASA Acquisition Internet Service (NAIS) with this amendment at URL <http://procurement.nasa.gov/cgi-bin/EPS/sol.cgi?acqid=94550>.
4. Annex 14 is hereby amended to remove references to DRD AN-14-3, DRD AN-14-2, and

DRD AN-14-4. As part of this amendment, replacement pages for Annex 14 that incorporate this change are posted to the NASA Acquisition Internet Service (NAIS) with this amendment at URL <http://procurement.nasa.gov/cgi-bin/EPS/sol.cgi?acqid=94550>.

5. Corrects the section B price schedule to reflect the fact that phase-in will begin on January 31, 2002. As part of this amendment, replacement pages for Section B that incorporate this change are posted to the NASA Acquisition Internet Service (NAIS) with this amendment at URL <http://procurement.nasa.gov/cgi-bin/EPS/sol.cgi?acqid=94550>.
6. Corrects Section L, Paragraph 5.1C(3)b to reflect the fact that phase-in will begin on January 31, 2002. As part of this amendment, replacement pages for Section L that incorporate these change are posted to the NASA Acquisition Internet Service (NAIS) with this amendment at URL <http://procurement.nasa.gov/cgi-bin/EPS/sol.cgi?acqid=94550>.

C. Information to Assist in Avoiding an Improper Interpretation of the Solicitation

1. Potential offerors are hereby reminded that while information designed to assist evaluators in navigating proposals such as page numbers or volume titles may be included in a header or footer, no other proposal information shall be placed in the required 1 inch margins.
2. To prevent potential ambiguity relative to the use of "labor category" and "labor classification" as it relates to completion of Section B and the price proposal forms, offerors are hereby advised that the Government used the terms interchangeably to apply to the divisions of labor that are either requested in Section B or that the contractor believes it will use in the performance of the work. When completing the price proposal forms that require information for each labor classification, each offeror is requested to reconcile its proposed job titles with the Department of Labor (DOL) Wage Determination unless one or more of the labor classifications being proposed are not governed by the DOL WD.

D. Extension of Proposal Submission Date

After careful consideration of the scope and potential impact of this amendment and in consideration of the impact of recent world events, the Government has determined that it is necessary to extend the date for proposal submission by five days from September 21, 2001 to September 26, 2001.

SECTION B
Schedule of Prices

Fixed Price Work - First Year of Basic Contract (April 1, 2002 through March 31, 2003)

B.7 Schedule of Prices						
Item No.		Description of Services	Unit	No. Units	Unit Price	Total Price
Section L		PHASE-IN				
PIMS01		Phase-in Milestone Group No.1 (1/31/02 to 2/14/02)	Milestone Group	N/A		
PIMS02		Phase-in Milestone Group No.2 (2/15/02 to 2/28/02)	Milestone Group	N/A		
PIMS03		Phase-in Milestone Group No.3 (3/1/02 to 3/14/02)	Milestone Group	N/A		
PIMS04		Phase-in Milestone Group No.4 (3/15/02 to 3/31/02)	Milestone Group	N/A		
ANNEX 7		GROUNDS MAINTENANCE				
7.2		Grounds Annual Work Plan	Plan	1		
7.3		Miscellaneous Unscheduled Support Tasks	Request	200		
7.4		Remove Surface Debris	Week	52		
7.5		Recycle Landscape Trimmings	Area	1		
7.6		Landscape Timbers and Edging	Linear Feet	3,000		
7.7.1	a	Mow and Trim Area A "Improved Grounds"	Occurrence	41		
7.7.1	b	Mow and Trim Area B "Semi-Improved Grounds"	Occurrence	15		
7.7.2	a	Edge Area A "Improved Grounds"	Occurrence	41		
7.7.2	b	Edge Area B "Semi-Improved Grounds"	Occurrence	15		
7.7.4		Fertilize Lawns	Occurrence	3		
7.7.5		Dethatch Lawns	Acres	20		
7.7.6		Aerate Lawns	Acres	20		
7.7.7		Control Pests on Lawns	Acres	69		
7.8.1		Maintain Mulch Around Trees	Semi-annual	2		
7.8.2		Water Trees	Tree	2,100		
7.8.3		Control Pests on Trees	Tree	2,200		
7.8.4	a	Prune and Shape (Area A, B, Pecan Grove)	Tree	800		
7.8.4	b	Prune and Shape (Walkways & Jogging Trails)	Occurrence	12		
7.8.5		Remove Dead Trees	Tree	24		
7.8.6		Plant New Trees	Tree	24		
7.9.1		Maintain Mulch in "Landscaped Areas"	Occurrence	2		
7.9.2		Control and Remove Weeds	Occurrence	12		
7.9.3		Water	Acres	315		
7.9.4		Fertilize	Bi-annual	2		
7.9.5		Provide Pest Control	Acres	2		
7.9.6		Trim Hedges	Occurrence	12		
7.9.7		Prune Shrubs	Occurrence	1		
7.9.8		Replace Plants and Shrubs	Plants/Shrubs	20		
7.9.9		Maintain Building 30 Demonstration Landscape	Square Feet	1,550		

SECTION B
Schedule of Prices
Fixed Price Work - First Year of Basic Contract (April 1, 2002 through March 31, 2003)

7.9.10		Maintain Flower Beds	Acre	0.4		
7.10	a	Maintain Ponds and Connecting Canals	Day	365		
7.10	b	Clean Ponds	Occurrence	1		
7.11		Mow and Trim Unimproved Grounds	Occurrence	2		
7.12.1		Maintain Fence Line	Occurrence	12		
7.12.2		Mow and Remove Ditch Vegetation	Occurrence	4		
7.12.3		Maintain "Rights of Ways"	Day	365		
7.12.4		Maintain Fire Lanes	Occurrence	12		
7.12.5	a	Maintain Gravel Areas - Remove Weeds	Occurrence	12		
7.12.5	b	Maintain Gravel Areas - Apply Herbicide	Occurrence	4		
7.13.1	a	Apply Broadcast Baits	Occurrence	2		
7.13.1	b	Treat Individual Mounds	Occurrence	12		
7.13.2		Mosquito Control	Fogging	12		

SECTION B
Schedule of Prices
Fixed Price Work - First Year of Basic Contract (April 1, 2002 through March 31, 2003)

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14.2.1	Drinking Fountains and Wash Stations	Cleaning	251		
14.2.2	Mirror/Glass Cleaning	Cleaning	104		
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14.2.4	Dusting/Cleaning Entrances, Hallways, Carpeted Areas	Cleaning	12		
14.2.5	Clean and Service Restrooms, Medical Offices, and Laboratories	Day	365		
14.2.6	Inside Stairs, Stairwells, Ramps, and Landings	Day	365		
14.2.7	Light/Lamp Replacement	Fixtures	80,000		
14.2.8	Inside/Outside Entrance Area Floors	Day	365		
14.2.9	Hard Floor Cleaning	Day	365		
14.2.10	Vacuum Carpets and Rugs	Day	365		
14.2.11	Machine Scrub Restroom Floors	Month	12		
14.2.12	Spray Buffing in Hallways	Month	12		
14.2.13	Recycling Program				
14.2.13	a White paper	Pound	1,200,000		
14.2.13	b Cardboard	Pound	120,000		
14.2.13	c Aluminum Cans	Pound	3,000		
14.2.13	d Study Solid Waste Generation and Accumulation	Study	1		
14.2.13	f Return Revenues	Transaction	12		
14.2.13	g Track and Report Recycling	Month	12		
14.2.14	Solid Waste Removal	Pound	38,000,000		
14.3.1	Dusting/Cleaning	Day	365		
14.3.2	a Unscheduled Cleaning - Normal Services	Request	250		
14.3.2	b Unscheduled Cleaning - Blood Infectious Material	Request	20		
14.3.3	Interior Windows	Day	365		
14.3.4	Exterior Glass Surfaces	Day	365		
14.3.5	Strip, Seal, and Wax Floors	Day	365		
14.3.6	Shampoo Carpets	Day	365		
14.3.7	Emergencies/ Special Events/ Visitor Custodial Services	Manhour	11,000		
14.3.8	Interior Extermination	Request	900		
14.3.9	a Supplemental Dumpsters	Cubic Yard	500		
14.3.9	b Portable Restroom	Unit	20		
14.3.11	Training	Day	365		
14.4.1	Custodial Cleaning Schedules	Report	1		
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**ANNEX 8
INFORMATION TECHNOLOGY
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**ANNEX 8
INFORMATION TECHNOLOGY**

8.0 INFORMATION TECHNOLOGY

8.1 GENERAL INFORMATION

8.1.1 Annex Description

This Annex identifies the Information Technology Support Services that cannot be identified with a single annex or may be related to the performance of services throughout this Contract. Even though this Annex contains certain guidelines, the Contractor has the responsibility to establish a management program that is effective, innovative, and uses to full advantage the facilities and equipment provided by the Government.

8.1.2 Information Technology Systems

It is at the discretion of the Contractor to utilize the Government-provided systems or to initiate new systems for the purpose of increasing efficiency and to meet contract requirements. However, the new systems must parallel and act in the same manner as the Government-provided systems. If the Contractor proposes to deviate from the existing systems, including workstations (CLIN 8.1.5), all proposals shall be submitted in writing, through the Information Technology Technical Management Representative ("TMR"), for approval prior to implementation. (NOTE: The Government will normally provide a response within 10 working days. Rationale will be provided for any request that is "disapproved"). If the contractor elects to provide a new system rather than use the existing Government system, the new system will become the property of the Government, however, if the software / hardware is leased, it will be the responsibility of the contractor to prepay the lease, including technical support, for one year after the end of this contract.

8.1.3 Special Rights For Licensed Software

In the event the Contractor uses licensed software, the Contractor is required to prepay a license, including technical support, for Government use, for 1 year beyond the end of the Contract.

8.1.4 Hardware Configuration

GENERAL: The Information Technology (IT) System consists of:

- (1) Installation-provided hardware
- (2) A computer room with 24-hour cooling and adjacent office space is included as part of the space provided to the contractor.
- (3) A JSC Institutional Network System (INS) linking all onsite computer systems via Ethernet with 100 Base-T cabling, site PCs have 10/100 base cards. The site backbone is being upgraded for higher bandwidth and over time the routers / concentrators are being replaced. This is a multi-year effort and will generally be completed in areas with higher population first.

- (4) Installation-provided off-the-shelf programming software (some contractor maintained and / or upgraded).
- (5) Installation-provided systems, which include programs, databases, on-line systems and report generating programs (some contractor maintained and / or upgraded).
- (6) Contractor-provided systems.
- (7) IT Hardware
- (8) Installation operated Web Based Applications.

These Installation-provided systems are integrated with and necessary for the performance of the overall contract. See Section J, Attachments I and K, for a listing of Installation-provided hardware, off-the-shelf programming software and systems. The Government does not warrant that the equipment as currently configured is optimal for the needs of this contract. The contractor may modify the configuration of this equipment to meet the needs of this contract except for the workstations in CLIN 8.1.5.

8.1.5 Government-provided Computer Services

The Government will provide computer services up to 225 seats (workstations) including monitors, keyboards, CDROM, mice, and network cards. These services are equivalent to those provided for Civil Servants. The service provides for workstations to be refreshed on a three-year cycle, loaded with a recent version of a Windows based operating system and a standard version of Microsoft Office, antivirus software, and various viewers. These workstations will be upgraded to more current operating system versions, as the Government deems necessary. The Contractor will provide any miscellaneous hardware over and above what is provided with a standard seat. The contractor shall provide any workstations required above the quantity listed above.

NOTE: The Government will provide the network connection for each contractor PC. The contractor may purchase from the Government additional services at the same delta cost above the Government network cost. The Government cost for a seat and for a Network connections are documented catalog prices in a Seat Contract (known as Outsourcing Desktop Initiative for NASA (ODIN). Many items from the Seat contractor remain the property of the Seat contractor and as such will not become the property of the COSS contractor.

NOTE: The Government provided workstations will come with software indicated above and 8.1.7 Standard Software Installation / Usage. Some software like the 3270 emulation is only needed on a few of the contractor workstations that support the NEMS, NSMS, and NPDMS applications on the IBM Mainframes. The Contractor is responsible for loading this Government provided software or Contractor provided software on Contractor User Workstations.

8.1.6 Workstation Hardware and Software Audits / Push, Pull or Automatic updates of software.

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INFORMATION TECHNOLOGY**

The Government uses an automated electronic equipment auditing system of all computer workstations (hardware and software) connected to the network. The Contractor will be provided access to the data for their computer workstations. The Government also uses an automated process to push, pull, or do automatic upgrades to workstations. For example, the Government does automatic periodic upgrades of the virus definitions. The contractor will cooperate with the Government for the upgrades and audits.

8.1.7 Standard Software Installation / Usage

Use software that is compatible with the Center standard (type and version) to permit the flow of information back and forth with other COD elements with minimal impact. Use a software load on the computer workstations that is compatible with the software used by other COD elements.

NOTE: Each of the existing user computer workstations is configured with the Center standard software, including a recent version of Microsoft Windows with access to the server-based administrative applications (Microsoft Office, Web Browsers), the Center Electronic Mail System, News Readers, and 3270 emulators (where applicable). Where necessary a project scheduler is also provided. The Government will provide an e-mail account for contractor personnel, as required.

NOTE: It is illegal to pirate software. Contractor personnel are not to use the Government Internet system for non-Government-related business or personal use.

8.1.8 Network Connections

The Government will provide the network interface for all Government provided and contractor provided workstations, with one exception. The exception is that no workstations with modems will be connected to the center network.

8.1.9 Server-based Storage

8.1.9.1 Server-based Storage for General Use Applications

Government supplied space will be provided for server-based general use applications and databases. The Government will perform administrative functions for these servers. Reasonable amounts of storage will be provided to the Contractor (equivalent to the same capability and capacity provided to Civil Servants).

8.1.9.2 Server-base Storage for General Web Applications

Space will be provided on Government servers for server-based Web applications and databases. The Contractor is required to follow policy guidelines including: NPG2801.1, Security of Information Technology, JPD 2800.4, IT Program Management, and JPD 2800.1A, JSC Information Technology Policy. The Government will perform server administrative functions

for these servers. The contractor will be responsible for all of the data / data input. Storage will be provided to the Contractor (not to exceed 50 Meg).

8.1.9.3 Maintenance (clean up and removal of old files) / usage

The contractor will cooperate with the Government to remove / archive old files from Government supplied space that are needed only for historical reasons. The intent is to provide reasonable storage, and yet be able to enforce reasonable storage housekeeping rules. Server space is provided to support necessary contractor operations, however, the server storage is only to be used for current needs.

8.1.10 Printer Support

8.1.10.1 Networked Laser/Mainframe Laser/ Impact Printers

General use networked Black and White laser printers/impact printers will be made available to the Contractor. These printers will be maintained and replaced with current center standard equipment by the Government as the printers become obsolete. The requirement for providing Networked printers does not include any buildings / locations where the total number of users in the area is 5 or less. For areas with 5 or less users, it will be the contractor's responsibility to provide local direct connect or local shared printers.

Any additional printers will be the responsibility of the Contractor. The Contractor is responsible for all CMMS networked impact printers / special printers / special use (personnel, payroll, etc. where privacy concerns might preclude the use of network printers by other users).

NEMS, NPDMS, and NSMS use mainframe impact or laser printers for reports. The Government will provide printers for these purposes where Networked General use printers are not appropriate.

8.1.10.2 Contractor provided printer supplies

Provide all printer consumables (toner, inkjet ink, ribbons, paper, etc.). The consumables shall be compatible with the printers.

8.1.11 Data Integrity

Design and maintain databases to have data field integrity. This requires that the field used is the right type (i.e. numbers for number fields, dates for date fields, etc.). Text fields shall not be used for fields that should be another type to maintain data integrity.

Ensure all data entered into the system is appropriate, accurate, and current. Provide accurate data input. The highly desired User Input method is for the database to restrict related data to predetermined values. Where this is not appropriate, the contractor will incorporate quality processes to identify errors. All errors whether found by the contractor or the Government will be corrected by the contractor.

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8.1.12 Building Number Standard

Maintain building data integrity in all databases by using a standard method to reference buildings. The contractor must use the building numbers as specified by the Government.

Buildings shall be related in the database(s) structure using a 7 character fixed length designation. Examples are as follow:

J*001**
J*009NW
JT585**
E*990**
S*920L*

NOTE: The first character represents the site "J" for Johnson Space Center, "E" for Ellington Field, and "S" for the Sonny Carter Training Facility at Ellington Field. The second character represents the building Prefix with "T" for Temporary and an "*" for "No Prefix". Characters 3, 4, and 5 are the building number with leading zeros to pad the data. The last two characters are the suffix with "" as "no suffix" for the character spacing and either on suffix followed by an "*" or a two letter suffix. It is intended that the users will see the generic number for a building (example 1, 2, 3, 4S, 11, 30S).

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
8.2	Main Frame Application Support Provide IT Support for the Government-furnished IT Systems.	<p>Provide IT support for the Government furnished systems described in Section J Attachment I and K. Use NASA agency-wide applications, including NEMS, NSMS, and NPDMS.</p> <p>Ensure that data entered into the systems are appropriate, accurate, and current.</p> <p>Call the ISD helpdesk when there is a system access problem. Advise the IT *TMR if there are repeated breakdowns or the system has an unscheduled outage of more than 4 hours.</p>	365 days	Agency-wide applications are used exclusively.
8.3	Computerized Maintenance Management System			
8.3.1	Provide IT support for the CMMS Accurately track and document all contract work.	<p>Provide IT support for the CMMS system. Maintain, control and protect "key" data/information to ensure the integrity of the CMMS program. These data will include Master Equipment Inventory, Preventive and Predictive data, task, the Work Element Codes, criticality code, the schedule dates, start dates, completed dates, *total cost, *bare cost, maintenance, and other current data in fields of the database (see DRD AN-1-10 for scope of this data). Write reports, query the databases, perform quality checks, and trouble shoot database problems.</p> <p>Provide routine IT support and training to Government employees that need to use the CMMS Data.</p> <p>Maintain a set of user manuals (and/or equivalent on-line help) in the Facility Technical Reference Library (TRL).</p> <p>Provide software utilities to permit the Government to export data to Excel, Access, CSV, TSV, etc.</p> <p>Using the CMMS Program, provide *daily (D7) reports in electronic web based format for work schedules, including scheduled maintenance, repair, construction, and outages. Query and reporting shall have, at a minimum the capabilities as the **Building Maintenance and Repair Report search on the current COD homepage.</p> <p>Upon breakdowns, advise the IT *TMR of all scheduled actions to bring the system back on-line.</p>	365 days	<p>CMMS is fully functional and data is accurate</p> <p>Training for Government employees is available when requested</p> <p>CMMS accessibility to contractor operated systems.</p> <p>Backups are performed daily.</p>
8.3.2	CMMS Capability	Provide a CMMS capability that includes all hardware, software and software provider's technical support capability. This system shall be available, on-line and fully operational at the start of the contract. The system shall be capable of handling the load required by the CMMS software and provide reliable and responsive service to the Government.	365 days	<p>CMMS system fully operational at start of contract.</p> <p>Server online at all times.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>The CMMS software license with software provider's technical support shall be provided by the Contractor for each year of the contract and for one year beyond the end of the contract. The contractor shall provide, in addition to the licenses he requires, 15 additional concurrent licenses for Government access to the CMMS. If proposed CMMS is web based then license must allow for 15 Government computers online at one time.</p> <p>NOTE: The existing contractor has prepaid a license for 50 concurrent sessions of MP2 for the first year of the COSS contract. The version of the CMMS in use is not the latest and is no longer supported by the software provider. The server that MP2 is installed on is owned by the BOSS contractor and will not be available.</p> <p>Provide the Government mandated fields, listed in Table 8-1, as part of the CMMS. The fields shall be setup and configured as listed and any changes must be approved by the Information Technology *TMR and the Maintenance & Repair *TMR. These fields are in addition to fields that the contractor needs to perform contract functions. The fields shall be fully searchable and sortable.</p>		
8.3.3	<p>Maintain the CMMS.</p> <p>Ensure the CMMS Program remains accurate and up-to-date.</p>	<p>Identify, report and incorporate changes, errors, deficiencies, or recommended improvement to the CMMS Program to ensure the Program remains accurate and up-to-date.</p> <p>This includes providing programming support on a continual basis to "troubleshoot," correct minor programming bugs, etc.</p> <p>NOTE: To encourage improvement and effectiveness, the Contractor's work force is encouraged to identify improvements or changes to the CMMS Program. As a minimum, this includes work that is reasonably visible to any Contractor personnel performing any related service.</p> <p>Evaluate proposed changes identified by the IT *TMR. Perform actions necessary to identify change, research (including field verification to validate the information), develop associated maintenance documentation (e.g., Annual Maintenance Plans and Schedule, PM and PT&I Maintenance Work Description for each task, critical spares data, etc.) and to submit to the IT *TMR for consideration and approval..</p>	365 days	<p>Program changes submitted within 14 days.</p> <p>CMMS program available continuously.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>Submit proposed changes in electronic format.</p> <p>NOTE: Contractor-proposed recommendations will be subject to Government-approved format and will include proposed maintenance documentation changes.</p> <p>Submit changes to the IT *TMR within 14 days of (1) completion of work performed under the terms of this contract; (2) notification of change; or (3) first observation of change, whichever is first.</p> <p>Ensure changes include all backup or supporting documentation.</p> <p>Provide, implement, and maintain the necessary process analysis, data gathering, and reporting software to meet contract requirements (DRD's, reports, metrics, etc.).</p> <p>Provide on-line connectivity to the Government and integrate the data with CMMS.</p>		
8.3.4	<p>Maintain History Files</p> <p>Maintain history files to reflect all Contract Services</p>	<p>Maintain History Files</p> <p>History files include, but are not limited to, Facility Condition Assessment (FCA), MA, PT&I, PM, and Repair, databases, records, and logs.</p> <p>Assume management of existing on-line history files from the preceding Contractors and create and incorporate new history files. Continue maintaining files and data fields for all services provided under the terms of this contract; e.g., maintenance and repair actions, construction and alteration projects, inspection results, Predictive Testing and Inspection (PT&I) Data, PT&I Baselines, PT&I Trends, equipment condition, Maintenance Activation, accomplished Preventive Maintenance (PM), etc.</p> <p>Ensure and maintain a filing/maintenance system that provides quick and easy access to existing files. All previous data must be incorporated and accessible.</p> <p>Maintain on-line access to files; ensure that hard copies are easily obtainable with no loss of pertinent data. Submit improvement recommendations to the IT *TMR for approval.</p>	Contractor determined 365 days	<p>CMMS data accessible to Government at all times.</p> <p>Files are recorded, accurate, and current. Files are complete, centrally located, and readily available for review or obtained via hard copy at all times.</p>
8.4	Environmental Management IT Support			

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
	Environmental Web based / client application support	<p>Provide IT support to install environmental web based / client applications that are used either by the contractor or NASA Environmental Office. Current applications include NETS, STEERS, ISW database, web-based training, EO/EMS website and EMS database. All upgrades or updates will be installed within 7 calendar days of receipt. Test the upgrades to ensure it works properly prior to full implementation. All personnel requesting user-ids and passwords receive them within 7 calendar days.</p> <p>Maintain / update the data including but not limited to (help data, train modules, FAQ, help) on the COD Environmental Web page.</p> <p>NOTE: The programming for these applications and help desk is provided by the owning organization (State of Texas, Other Government Agencies, or Other NASA Centers). Generally, these applications access a web page via a browser; however, they may require a local client to be loaded on the user PC. At least one application requires a database to be installed and maintained on COD server space that is backed up by others. It is the user responsibility to interface with the appropriate help desk to report an initial problem. Provide local user help and troubleshooting whenever a change to the software or when problems occur. The NASA Environmental Office will be responsible for requesting and maintaining user-ids / list, conducting beta tests as requested. NASA or regulatory agency authorizations, licenses, requirements and restrictions will be followed at all times for all aspects of the software and programs.</p> <p>NOTE: Programming changes to the Environmental Web Page, the impacts database or the program database will be done by others.</p>	365 days	<p>All environmental software and websites are fully functional and available at all times</p> <p>NASA or regulatory agency authorizations, licenses, requirements and restrictions will be followed at all times for all aspects of the software and programs</p>
8.5	<p>Energy Management Control System (EMCS) System Support</p> <p>EMCS database support</p>	<p>Provide IT support to manage the EMCS databases that support day-to-day operations of the EMCS system (excludes hardware such as RTU's, Metasys hubs, Woodward Smart 3000, etc.). The COSS contractor shall maintain existing Microsoft Access and Excel data status files.</p> <p>NOTE: The EMCS is primarily a real-time system that is used for control of facilities (HVAC, boilers, chillers, Power, etc.) and is partially the responsibility of the COSS contractor, the Honeywell contractor and other contractors. For the sake of clarity the operations support for this system is primarily covered in the EMCS Operations section of the contract (Annex 4).</p>	365 days	<p>IT support of day-to-day operations / database support of contractor users is provided.</p> <p>Databases are formatted correctly.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
8.6	System Operations / Maintenance	<p>Provide support and operate IT systems while ensuring the programs are functioning properly and in the same manner as the programs provided.</p> <p>Maintain and protect all IT systems and maintain data integrity in all databases and other programs/systems. Upon termination of the Contract, return to the Government all current source/compiled programs, documentation, data, or similar software data, in a usable format consistent to the manner in which the Government originally provided it.</p> <p>Maintain installation-provided systems separately from the Contractor's proprietary systems such as the Contractor's financial management, personnel and other like systems.</p> <p>Upon breakdowns, advise the IT *TMR of all scheduled actions to bring the system back on-line.</p>	365 days	Contractor operated IT systems accessible at all times.
8.7	Online System Access and Support			
8.7.1	Provide and maintain Government access and support to all existing contractor operated on-line computer systems.	<p>Provide, maintain, and support continuous Government on-line access to all contractor operated computer systems (except payroll and personnel) including, but not limited to contract required databases, data, records, plans, metrics, schedules, and history, and to all Government-provided applications and databases. Access is to be compatible with server configurations and loads such that COD users may utilize, analyze, and extract data, etc.</p> <p>Notify the IT *TMR in case of system failure and provide status updates to the IT *TMR every four hours. Scheduled downtime for short periods of up to 4 hours to allow for upgrades, repairs and maintenance are acceptable exceptions to "continuous" on-line access. Where possible these periods should be in the evening after *Core Hours.</p> <p>NOTE: Systems with on-line support: See Section J, Attachment K List 1.</p>	365 days	<p>Government access to any required data in any system or database is maintained.</p> <p>Contractor operated systems accessible at all times.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
8.7.2	Web Based Management Information System Provide a Web Based Management Information System	Provide a web based Management Information System on JSC web servers which displays the required data as shown in Table 8-2. The data shall be maintained for access by the JSC user community (see Table 8-2 for restricted data) and the Contractor. The web page shall be updated to display the latest reports, plans, metrics, procedures, etc. within 3 *workdays. All other data, (e.g. work orders) shall be updated as required to keep the data current and meaningful.	365 days	Data shall be accurate, understandable and available.
8.8	Facility CAD System / Space Utilization			
8.8.1	CAD Software support	Provide support for the CAD software versions used to support the Facility Cad System. Support includes, but is not limited to, response to questions, trouble-shooting problems, installing the server application, installing the client application and assistance in printing. Provide application support within 8 hours of the request. Maintain for the capability for the current and two previous CAD software versions of all CAD drawings.	200 hours	Requested programming support provided at all times. Support provided within 8 hours of request.
8.8.2	CAD Software Licenses	Provide 2 AutoCAD licenses (latest version) and retain 5 concurrent MicroStation user licenses (latest version) exclusively for use by the Government. NOTE: The government will provide 23 MicroStation licenses at contract start. Provide a new capability within the first 6 months of the contract to produce drawings in AutoCAD format. Upgrade existing licenses within 6 months after a new version is released. NOTE: The Contractor shall upgrade licenses in the proportion needed (MicroStation vs AutoCAD) to adequately perform the CAD drafting requirements identified in Annex 5. It is anticipated that the number of each application will vary during the contract as the number of AutoCAD facility drawings will increase and the number of MicroStation facility drawings will decrease.	2 AutoCAD licenses	Correct number of concurrent licenses is provided. New capability provided on time. Upgrades are provided within 6 months of release.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
8.8.3	CGM Viewing Support / facility drawing database	<p>Maintain the databases for all facility drawings and Facility Housing Plans (FHP). Update the databases within 5 working days after each drawing is updated. If the drawing being updated, is needed to provide current information about a particular facility, update the database in real-time.</p> <p>Convert any updated drawings at least once a week to Computer Graphics Metalife (CGM) format and place them in a predetermined location on JSC_COD_CAD01 or other designated server.</p> <p>NOTE: The existing conversion is presently being done with an automated process (macro) that has minimal user effort. The contractor will maintain an automated conversion capability.</p>	365 days	CGM files are available within 5 days after update.
8.8.4	<p>Space Utilization Management System Programming Support Data Entry</p> <p>Ensure data entry assistance</p>	<p>Provide programming support for Space Utilization Management System (SUMS) including response to questions, trouble shooting problems, and assistance in printing. Support shall be provided within 8 hours of the request.</p> <p>Create new or modify existing reports on an as needed basis.</p>	40 hours	Programming support provided within 8 hours of request.
8.9	Other Applications			
8.9.1	Gas Cylinder Tracking System	<p>Replace the existing Gas Cylinder Tracking System within the first 6 months of the contract with a new system that is compatible with Microsoft Access, SQL Server or Oracle.</p> <p>Provide the same capability in the new system that exists in the present system and further detailed in the following:</p> <ol style="list-style-type: none"> 1. Provide the capability to barcode, and the necessary scanners (equivalent to or newer than the latest Intermec Scanners used by the NEMS personnel). 2. Install the new application on one of the Contractor-Operated Contractor Maintained servers. <p>Provide two users licenses for NASA.</p> <p>Provide reports that show the number, type, serial numbers, gas, and quantity of gas, delivered each month. Provide a report that includes the cylinders returned to the suppliers, serial number, type of gas, date delivered, date returned, if rejected, why cylinder was rejected. Provide an ad hoc query capability for the Government to write reports.</p>	1 tracking system	<p>Gas Cylinder Tracking system is converted in year 1 and data and reporting capability is as specified.</p> <p>Data is accurate.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
8.9.2	Barcode Scanners Support and Maintenance	<p>Provide barcode scanner capability that includes all hardware, software, and support capability. This capability shall be available and fully operational at the start of the contract..</p> <p>NOTE: See Section J Attachment I, List 3 for the listing of government provided scanners to be used for the Transportation Inbound Freight Log (TIFL) and the Gas Cylinder Tracking.</p> <p>NOTE: All scanners required to support NASA agency-wide applications (i.e., NEMS, NSMS, and NPDMS) will be provided by the government.</p> <p>Provide support to write the menus, maintain, and load all bar code scanners and the scanners used by the JSC Security Forces on another contract. Provide all maintenance for the barcode scanners, docking units, and power supplies.</p> <p>NOTE: The support will be for 31 scanners. The general use breakdown is for 12 scanners used to support NEMS, 6 scanners to support TIFL, 4 scanners to support Gas Cylinder Tracking, and 9 scanners to support the JSC Security Forces. The scanners are multipurpose devices that can be used on several systems by activating a different menu.</p>	<p>365 days</p> <p>365 days</p>	<p>Barcode scanner capability fully operational at start of contract.</p> <p>Menu updates are available within 5 working days of request</p>
8.9.3	Thermography Data	<p>Maintain and operate the existing thermography data. Provide a new capability to make the thermography data available on the web within the first 6 months of the contract.</p> <p>Data will be updated within 7 days of data collection.</p>	365 days	<p>Applications are available within 6 months of contract start.</p> <p>Data is accurate and timely.</p>
8.9.4	Vibration Data	<p>Maintain and operate the existing Vibration Data Application. Keep the software current within 6 months of the issuance of new version.</p> <p>Data will be updated within 7 days of data collection.</p> <p>Within 6 months of the start of the contract, provide a new capability to have a Web based database that will list the vibration data that is being accumulated. Additionally, link all equipment items to the equipment numbers in the CMMS system. Provide a user-friendly interface that will permit a CMMS user to determine if Vibration data is available.</p>	365 days	<p>Applications are available within 6 months of contract start..</p> <p>Data is accurate and timely</p>
8.9.5	Real Property Database	<p>Provide programming and system support for the Real Property Accounting System (RPAS) used in annex 5. Support shall include, but not be limited to, responding to questions, trouble-shooting problems and assistance in printing. Provide support within 2-4 hours of the request. The exact schedule for each task shall be given when the task is assigned.</p>	40 hours	<p>No occurrences of failure to provide programming support when requested.</p> <p>Support provided within 2-4 hours of request</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
8.9.6	WinEst / Means	<p>Provide all support to maintain the server-based application of WinEst and the Means cost data using clients / icons on user work stations. Maintain the current copy (and one version back) of the WinEst estimating applications and current yearly and quarterly updates of Means Electronic Cost Databases. Provide 5 concurrent licenses for Government use.</p> <p>The Contractor's computerized estimating software shall be compatible with Microsoft Windows and WinEst Pro Plus, by WinEstimator, Inc estimating software or equal.</p> <p>NOTE: Presently, there are 12 licenses being used for Contractor and CS support.</p>	40 hours	<p>Applications are available when server access is available.</p> <p>Most current version of software is available.</p>
8.10	NEMS System Scanning	<p>a. Provide at contract start a scanning capability for support of COD Activities. Scanning capability will have a non-proprietary database (SQL Server, Oracle, or database approved by the Contracting Officer).</p> <p>NOTE: Current system uses a workstation and flatbed scanner with data stored on CDR's. The Contractor shall provide the workstation and scanner system.</p> <p>b. Provide IT support for the NEMS Scanning system. Continue to operate the existing historical portion of that system and continue to have the information available to the NEMS users.</p> <p>Meet with the Government to agree on the data to be scanned, keyword search, identification, interfaces, etc. Design, implement, and maintain the data necessary to recover and display the data, via ad hoc search capability. Repeat the above process as new systems are identified that need scanning support.</p> <p>NOTE: See CLIN 11.2.2.2 for current scanning requirements.</p>	<p>1 system</p> <p>80 hours</p>	<p>System is ready at start of contract.</p> <p>System is sized adequately to handle number of scans.</p> <p>Data scanned is available.</p> <p>Database has correct keyword search capability.</p>
8.11	IT Security			
8.11.1	<p>Computer Systems and Data Security</p> <p>Maintain Government-furnished computer systems and data security for Contractor-operated systems.</p>	<p>Provide support necessary to ensure Contractor-operated systems and data remain secure at all times.</p> <p>Backup daily all applications and data stored on Government-furnished Contractor-operated servers or Contractor-furnished Contractor-Operated Servers.</p> <p>NOTE: The Government will backup each Government-operated server and mainframe application.</p>	365 days	<p>On-line systems and data security are maintained at all times.</p> <p>All data or system applications maintained and secure.</p> <p>Changes approved prior to implementation.</p>

Deleted: existing

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
8.11.2	Computer Security Manager	<p>Appoint, in writing, a Computer Security Manager (CSM). CSM duties include:</p> <ol style="list-style-type: none"> 1. Have knowledge and background experience in IT Security. 2. Have knowledge of contractor systems. Prepare contractor risk assessment packages and security plans. 3. Attend and support Center Security or COD security meetings. 4. Fully cooperate with Government Security Officials. <p>Provide "supervisory access" on an as needed basis to Government Computer Security Official(s). NOTE: The Government does not intend to use this supervisory access right except where there is an indication of security violation or indication of unacceptable security risks.</p>	365 Days	CSM is appointed in writing. CSM experience and background commensurate with task. CSM passes background checks.
8.12	Documentation / IT Help Support			
8.12.1	IT Help Support	<p>a. Provide and maintain *daily (D) IT Help Support capability for routine IT issues. Provide access via phone (human, voicemail, pager, electronic mail, and web page). This support is to be separate from the normal facility type support provided for site facility issues (e.g. IT help for CAD or WinEst software questions). Provide initial response to calls within 4 hours.</p> <p>Maintain a database that documents all issues that are not addressed within one business day. Provide access to this data to the NASA IT personnel. Track outstanding issues by user, person initiating the call, date, time, resolution, date resolved, and time resolved. Put the issues on the web with Government access.</p> <p>Cooperate with and interface with the site Seat contractor for IT problems.</p> <p>NOTE: The site has a Seat contractor that users can call to resolve IT issues. If the issue is not the responsibility of the Seat contractor then the problem is forwarded to the responsible group. It is expected that the COSS users will normally call the Seat contractor for issues that the Seat contractor is responsible for and the COSS users will normally call the COSS contractor IT support for those systems for which the COSS contractor is responsible.</p>	52 weeks	<p>Response is within 4 hours</p> <p>Track help requests and put on web</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>b. Provide a continuous *daily (D7) emergency IT Help Support capability to handle emergency IT issues. Provide access via a pager and cell phone. Provide the name of a prime and two alternate contacts to call that can address emergency IT problems.</p> <p>Designate a permanent prime and alternate contact that can address emergency IT security issues.</p>	365 days	<p>List is posted in the facility helpdesk.</p> <p>IT Help Support phone message provides correct numbers for emergencies.</p> <p>Prime and alternate contact has been designated in writing to COD OCSM and one is available at all times</p>
8.12.2	<p>Documentation Maintenance / Update for Major Systems</p> <p>Continually update and maintain all computer system documentation for all Contractor-provided and operated systems.</p>	<p>Provide and maintain copies of all updated computer system documentation for major systems (CMMS, EMCS, and Scanner System), Keep all documentation in neatly bound volumes with title covers and table of contents. Maintain a copy of all updated manuals in the IT Reference Annex TRL in the main COSS IT area.</p> <p>Validate all documentation no less than once every six months. Update documentation within two weeks of change implementation.</p> <p>Run Manuals - Ensure all System Operator Manuals, job flow configurations, and other flow charts are updated and validated, including batch programming manuals and instructions.</p> <p>Terminal Operation Manuals - Ensure all on-line systems operated by both the Government and the Contractor have detailed narrative descriptions, system flow charts, menu flow charts, access codes and other pertinent user information. Provide a point of contact to answer questions in case of system problems.</p> <p>Data Element Dictionary - Ensure data element dictionaries contain comprehensive listings by data of all fields including field name, length, character type, etc. Provide revisions to all documentation when changes occur.</p> <p>System Configurations - Provide and maintain system configuration flow charts that accurately portray all functions, links, and relationships between the different components.</p> <p><u>Hardware Configuration</u>: Accurately reflects all terminals, connections, modem communication links, mainframe and ancillary supports, and other supplementary items.</p> <p><u>Databases and Program Configuration</u>: Show the relationships between the programs, databases, and other components.</p> <p>Program Listings - Provide a hard copy of source programs. Provide revisions to all programs when changes occur.</p>	<p>365 days</p> <p>Contractor Determined.</p> <p>Contractor Determined.</p> <p>Contractor Determined.</p> <p>Contractor Determined.</p> <p>Contractor Determined.</p>	<p>All documentation is current and accessible.</p> <p>Audit shows run manuals are up to date.</p> <p>Audit shows terminal operation manuals are up to date.</p> <p>Audit shows that data element dictionary is up to date.</p> <p>All system configurations are accurate and current with a complete audit trail of all changes/updates.</p> <p>All source programs are current and accessible.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>Programmer Manuals - Ensure all programmer maintenance manuals provide detailed information about the original program requirement, flow chart of program development, hard copy of source programs, etc.</p> <p>NOTE: These manuals are developed for the purpose of aiding future programmers in the organization and philosophy of the existing program.</p>	Contractor Determined.	Manuals are maintained and updated as changes occur.
8.12.3	Documentation, Minor Systems	Maintain a folder, or other data as appropriate on the minor applications that are supported by the IT group. Maintain a database that lists each supported application, the owner, organization, number of users, description, support method, how to get access, server where application is stored, etc.	365 days	Database of supported applications are available to the COD IT Personnel via read only access to the database or a web page
8.12.4	Documentation, Minor Applications	Perform a yearly survey to list the minor applications that are being used by the COSS (i.e. these are applications that are not normally supported by the IT group) to ascertain whether the data in the applications is being properly protected and location of data. Requirement is to list user, owner, description, type (Access2000, Excel 2000, etc.)	1 survey	List is available to COD IT Personnel.
8.13	Records, Reports and Submittals			
8.13.1	Provide IT Security Plan	IT Security Plan DRD AN-1-15 (initial plan within 90 days of contract start – subsequent plans as required before system configuration is changed)	1 plan	Accurate and detailed plan, complete and on time.

CMMS SPECIFIED FIELD DEFINITIONS
TABLE 8-1

Table : EQUIPMENT

Field Name	Field Type	Field Length	Comments
MAINTID	Text	10	Unique record combination of number and/or alpha characters identified as the specific level that individual maintenance records must be kept. Also Alphanumeric text that identifies system level assignment when no specific number ID is available. Will be used as a space holder for contractor until actual equipment is identified. Example: J*009NWHAC – Bldg 9NW HVAC System
EQUIPID	Text	25	Smart number used for quick identification and recognition of equipment. Assigned by design engineering. Contains three codes. First code indicates the type of equipment. The second code represents the building the equipment is installed in. The third code represents the sequence of this unit in the overall count of similar units in the resident building.
DESCRIPTION	Text	50	Air Handler, Chiller, etc...Consistent with the noun descriptor first and the primary pertinent information following a comma and if needed secondary pertinent information following a comma. (Air Handler, PTOA) (Tank, Hot Water, Gas)
INSERVICE	Text	1	(Y or N) If N then operating status (OPERATINGSTATUS) should be used to indicate why.
EQTYPE	Text	3	Alpha legend that indicates the equipment being described. Examples: (CHP – Chilled Water Pump, AHU – Air Handler Unit, HWG, Hot Water Generator) , allows grouping of similar items to run metrics for group failure analysis.
SITE	Text	5	ELL (Ellington Field), JSC (Johnson Space Center), SCTF (Sonny Carter Training Facility)
BLDG	Text	12	Alpha numeric to indicate building as follows: S*924** or JT585**. The * is used as a placeholder to allow proper sorting.
SYSTEM	Text	20	Contract labeled system, Codes used are identified in Section J, Attachment N, Exhibit N-1 Table 1.0. This code allows running of metrics report to assess availability/reliability of contact systems.
LOCATION	Text	30	Physical location, Room, Floor, O/S.
SYSTYPECODE	Text	10	M Mechanical, E-Electrical, X-Environmental, O-Other, UE-User Equipment etc...
PKGFTTR	Numeric	5	Limit of Financial Liability for Repairs. Multiplied by \$5000.00 per factor.
SERIALNUM	Text	30	Unique ID code from manufacture
MODELNUM	Text	30	General group from manufacture
MANUFACTURER	Text	20	Manufacturers name
COSTCENTER	Text	6	Contractor Defined
PURCHDATE	Short Date	10	Format: 11/26/2000. Original Purchase date.
STARTUPDATE	Short Date	10	Format: 11/26/2000. Building Occupancy Date.
WARRANTYDATE	Short Date	10	Format: 11/26/2000. One year past Building Occupancy date.
ORIGINALCOST	Integer	10	Original purchase cost if available.
OPERATINGSTATUS	Text	10	Used when the INSERVICE field has a N for equipment being in service. Examples: OOSMR – Out of Service Major Repair, OOSMB – Mothballed, OOSOB – Obsolete to be excessed, OOSEC – Energy Conservation
PERSONRESPONSIBLE	Text	10	Used to indicate past Union and Non-Union work jurisdiction set by presidency.
PRIORITY	Integer	1	Could be used to represent Mission Criticality. (Contractor option)
CLASS	Text	1	(N or C) Collateral or Non-Collateral
SAFETY	Text	1	(Y or N) If Y then equipment is a safety critical item (e.g. elevator, man rated crane)

Table : TASK

Field Name	Field Type	Field Length	Comments
TASKNUM	Text	20	Unique ID code for task.
DESCRIPTION	Text	80	Text statement that describe the required Scheduled Maintenance activity.
WOTYPE	Text	8	SM (Scheduled Maintenance)
PRIORITY	Integer	1	*3* All SM work will have a priority of 3 for the initial input into the CMMS system.

CMMS SPECIFIED FIELD DEFINITIONS

TABLE 8-1

INSERVTASK	Text	1	(Y or N) Only "N" if task is being created or removed in order to keep it from generating a WO in the mean time.
RACCODE	Integer	1	RAC code for safety tasks
EXPENSECLASS	Text	6	Contractor Defined
MULTITASK	Text	1	(Y or N)
ASSIGNEDTO	Text	8	Contractor Defined
INSTRCODE	Text	12	Unique ID for instruction assigned to perform task.
CRAFT	Text	8	Craft to perform task
CRAFT EST	Integer	3	=number of workers X hours/person

Table : EQTASK

Field Name	Field Type	Field Length	Comments
MAINTID	Text	10	See EQUIPMENT Table
EQUIPID	Text	25	See EQUIPMENT Table
TASKNUM	Text	20	See TASK Table
DUEDATE	Short Date	10	Format: 11/26/2000. Next date that a Work Order has to be created in the CMMS for this Activity.
PERFDATE	Short Date	10	Not Used
DURATION	2	numeric	Days to perform task from start to finish. Not necessarily the actual hours of work. Used to plan the number of days to spread the activity over in the daily schedule.
DOWNTIME	2	numeric	Total number of hours the equipment must be down for this activity. Used to plan equipment outages.
MUSTBEDOWN	Text	1	(Y or N)
FREQ	Text	10	Cyclic time based code that allows the CMMS to generate this work again after each completion on the next correctly scheduled date. See Contract reference for Deferred Maintenance codes for the appropriate frequency codes.

Table:TASK INST TABLE

INSTRCODE	Text	12	Unique ID for instruction assigned to perform task.
INSTRUCTIONS	Text	12	Text page with consistent format for instructions used.

COSS Organization Chart*

Metrics – All metrics related to this contract

Examples include:

- All AN-1-10 metrics
- Metrics for High Visibility Items
- Contractor-created metrics
- Result from Customer Surveys

Reports - All reports requested within this contract

Examples include:

- Mishap Reports*
- Daily Reports*
- Flash Reports*
- Spill Reports
- Operations Logs
- Open Constraints (MCC)

Plans - All plans requested within this contract

Examples include:

- FCA Plan
- Hurricane Plan
- Environmental Compliance Plan
- Mission Readiness Plan

Schedule Information - All schedule-related information requested within this contract

Examples include:

- Inspection schedules*
- Maintenance Schedules (Daily / Weekly / Monthly)*
- Maintenance Annual Work Plan*
- Outages*
- Crane Certifications*

Procedures - All procedures information requested within this contract

Examples include:

- Work Methods
- Utility Procedures
- Mission Exceptions*
- Hot Work Permits
- Tunnel Access*
- Confined Space Access*
- Excavation and Boring Permits*

Safety - All safety related information requested within this contract

Examples include:

- Safety Procedures
- Safety Inspection Reports (Internal / External)
- Corrective Action Plans*
- Lost Work Day Cases*
- Mishaps*
- OSHA Recordables*

Work Orders – All data related to open and closed work orders

Examples include:

- CMMS Queries*
- Work Authorization Document (WAD)*
- Move Requests*

Quality Control - All quality control information requested within this contract

Examples include:

- Quality Control Plan
- ISO Procedures / Work Methods
- Inspection Reports (Internal / External)
- Corrective Action Plans*

Facility Data – Facility Related Data

Specific items are:

- Panel Schedules*
- Equipment/System List*

Who To Call

NASA (Information to be provided by the Government)

- Managers
- Maintenance and Operations
- Environmental
- Logistics
- Grounds
- Information Technology

Contractor

- Managers
- Maintenance and Operations
- Environmental
- Logistics
- Grounds
- Information Technology

*Accessible to all JSC/EF/SCTF employees. All others are accessible by COD / COSS personnel only.

NOTE: All data requested electronically within the contract scope of work that fits the identified categories above shall be placed on this website.

NOTE: The exact location of information to be placed on this website may vary based upon CO direction.

**ANNEX 14
CUSTODIAL
TABLE OF CONTENTS**

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14.0 CUSTODIAL

14.1 General Information

14.1.1 Annex Description

This Annex identifies custodial support services at *JSC. This Annex is divided into two service categories, basic and periodic.

14.1.2 Hours of Operation

The Contractor shall schedule and arrange work to cause the least interference with the normal occurrence of Government business. In those cases where some interference is unavoidable, the Contractor shall make every effort to minimize the impact of the interference, inconvenience, customer discomfort, etc.

Hours of operation for performance of basic services are 5:30 a.m. to 5:30 p.m., Monday through Friday. The Contractor is permitted to perform contract line items (CLINs) 14.2.1, 14.2.2 and 14.2.4 (when not performed in conjunction with 14.2.9), 14.2.5, 14.2.7, 14.2.8, 14.2.10, 14.2.11, 14.2.12, 14.2.14, 14.3.2, and 14.3.4 between the hours of 5:30 a.m. and 5:30 p.m. The Contractor is required to perform CLINs 14.2.2 and 14.2.4 (when performed in conjunction with 14.2.9), 14.2.6, and 14.2.9, between the hours of 5:30 a.m. and 7:30 a.m. The Contractor is required to perform CLINs 14.3.1, 14.3.3, 14.3.5, and 14.3.6 between 5:30 p.m. and 5:30 a.m. The Contractor is required to perform CLIN 14.3.8 between 5:30 p.m. and 5:30 a.m., or preferably on weekends. If the Contractor desires to perform work outside the hours of operation listed, or on Saturdays, Sundays, or holidays, prior approval shall be obtained from the Custodial Technical Management Representative (*TMR).

Access to certain offices and buildings may be restricted. The Contractor shall notify the Government Facility Manager and Security personnel in advance for access.

14.1.3 Specific Task

Area types as they relate to this contract and the ****Custodial Database Master Report** are noted in Paragraph 14.1.6. (See Section J, Attachment P, Exhibits P-1 through P-5, for miscellaneous requirements and tasks that apply to this annex.).

14.1.4 Frequencies of Service and Codes

When a service is required less than three times per week and the time for that service falls on a holiday, the service shall be accomplished on the workday preceding or following the holiday.

Monthly (M): Services performed 12 times during each 12-month period of the contract at intervals of 28 to 31 days.

Semimonthly (2M): Services performed 24 times during each 12-month period of the contract at intervals of 14 to 16 days.

Weekly (W): Services performed 52 times during each 12-month period of the contract at intervals of 6 to 7 days.

Two times weekly (2W): Services performed two times a week, on Tuesday and Thursday.

Three times weekly (3W): Services performed three times a week, on Monday, Wednesday, and Friday.

Daily (5W): Services performed once each calendar day, Monday through Friday, excluding holidays unless otherwise noted.

Six times weekly (6W): Services performed six times a week, once each calendar day, Monday through Saturday.

Seven times weekly (7W): Services performed seven times per week, once each calendar day, including holidays.

Eight times weekly (8W): Services performed eight times per week, once each calendar day, including holidays, with two occurrences on Saturday at intervals of not less than 4 hours apart.

Eleven times weekly (11W): Services performed eleven times a week, twice each calendar day Monday through Friday at intervals of not less than 4 hours apart, and once on Saturday.

14.1.5 Work Scheduling and Accomplishment

The Contractor shall provide an initial work schedule for basic services to the Custodial *TMR no later than 7 days after contract start. Once approved, all work shall be performed in strict compliance with the schedule. Changes to the work schedule shall be submitted for the Custodial *TMR's approval as stated in Section J, DRD AN-14.1.

During execution of the work, the Contractor shall take special care to protect all Government property including furniture, walls, baseboards, and other surfaces from materials used in a way not intended or used improperly. Accidental splashes shall be removed immediately. The Contractor shall return areas damaged as a result of work under this contract to their original condition, to include painting, refinishing, or replacement. In accomplishing floor work, the Contractor shall move or tilt chairs, trash receptacles, and other easily moved item(s) to clean (sweep, mop, vacuum, etc.) underneath. All items shall be returned to their original locations after cleaning. All solutions used for stripping, waxing, and mopping shall be removed from baseboards, furniture, trash receptacles, etc.

The Contract shall display "Wet Floor" caution signs, one sign to be placed every 30-35 feet, when cleaning floors in an area where people (other than Contractor personnel) are or shall be present before floors are dry. The signs shall be removed and stored by Contract personnel when floors are dry.

Definitions

Deleted: The Contractor shall maintain for review for the *TMR a facility log book for recording customer complaints, unscheduled cleaning, lighting maintenance, interior extermination, and other tasks requested by users. This shall be accomplished as required in Section J, DRD AN-14-3.¶

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Area Type: Portions of facilities separately identified based on floor surfacing or utilization of the space identified as a particular area type and as shown on the ****Custodial Database Master Report**. A brief identification of each area type is provided below:

- Area 1 - Tile
- Area 2 - Carpet
- Area 3 - Restrooms
- Area 4 - Tiled Hallways/Common Areas
- Area 5 - Carpeted Hallways/Common Areas
- Area 6 - Concrete Utility Rooms
- Area 7 - Stairs, Stairwells, Ramps
- Area 8 - Concrete Areas (Other)
- Area 9 - Tiled Pedestal Floors
- Area 10 - Carpeted/Tiled Medical Offices

Basic Services: Task(s) to be done in a work area on a recurring basis, with frequencies called out in the contract line item.

Building: A named or numbered facility at *JSC including the inside area, and the outside area adjacent to the facility. The term building includes any outside waste receptacles. Outside waste receptacles will be associated with the facility nearest to the receptacles.

Clean: Free of dirt, dust, odors, marks, spots, streaks, stains, smudges, litter, trash, debris, graffiti and other residue.

Damp Mopping: Removal of light soil, dirt, liquid, or other foreign material using a cotton or similar yarn-type mop, which has been mechanically wrung/squeezed to remove excess solution. This method is often employed when the area that requires cleaning is not soiled sufficiently to require wet mopping; includes rinsing if recommended by the detergent manufacturer.

Days: For the purpose of this Annex, days represent calendar days.

Disinfecting: Removal or neutralization of material containing or supporting the growth of bacterial/viral organisms capable of causing infection in humans if untreated.

Dispenser Service: Checking and refilling with approved products all towel, toilet tissue, soap, feminine hygiene, or any other dispensers to ensure that each contains an adequate supply of the product being dispensed.

Dusting/Cleaning: Removal of bugs, cobwebs, dirt, liquid, refuse, scale, soil, stains, trash, and any other foreign material from an item, fixture, horizontal or

vertical surface, or area, and may (upon Custodial *TMR direction) include the process of disinfecting.

Hand Scrubbing: Removal of built-up dirt, soil, or other foreign material from a hard floor surface using a bristle-type brush and an approved neutral detergent and water solution; includes rinsing if recommended by the detergent manufacturer.

High Efficiency Particle Arrest (HEPA) Vacuum: A vacuum designed to greatly reduce or eliminate particles through filtration or containment.

Inside Entrance Area: Area inside the exterior doors to a building, including the lobby area, but not including hallways.

Machine Mopping: Use of a mechanized scrubbing/vacuuming machine to accomplish the same result as wet mopping for large areas, which would otherwise require extensive labor to complete in a reasonable amount of time; includes rinsing if recommended by the detergent manufacturer.

Mirror/Glass/Window Cleaning: Removal of dirt, soil, smudges, smears, or any other substance, which will interfere with the passage or reflectance of light.

OMOH: Occupational Medicine – Occupational Health, Life Sciences Directorate.

Outside Entrance Area: Area outside the exterior doors to a building, including the area in front of windows adjacent to the doors, the landing and/or porch area and steps leading to the building and breezeways.

Periodic Services: Task(s) to be done in a work area on an infrequent basis. Custodial *TMR directs task frequencies and locations.

Response Time: Response time is defined as the time allowed the Contractor after initial notification of a work requirement to be physically on the premises at the work site, with appropriate tools, equipment, and materials, ready to perform the work required.

Sealing: Application of an approved floor sealer prior to application of the final floor finish in accordance with industry standards and manufacturer recommendations.

Shampooing: Application of a cleaning agent to a carpeted floor, cloth material, or covering to remove embedded soil, dirt, stains, or other foreign materials.

Spot Cleaning: Removal of dirt, soil, debris, liquids, stains, or other foreign materials where adequate cleanliness can be accomplished by cleaning only affected areas and where the cleaning of the entire area would not be necessary.

Spray Buffing: Application of a wax and water solution to a floor and buffing with a high speed-buffing machine to refurbish the floor finish after wet or damp mopping.

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Stripping: Complete (95 percent or more) removal of the wax/finish applied to non-carpeted flooring.

Sweepers: Non-electrical sweeping devices intended for use on low pile carpet.

Sweeping: Removal of loose dirt, dust, debris, and other foreign material through either manual or mechanized methods not requiring a wet mop.

Vacuuming: Mechanical removal of loose dust, dirt, soil, debris, and other foreign material involving movement of air. Machines used for vacuuming floors shall combine rotating brushes with air movement to effectively remove loose material. HEPA vacuums shall be used in all areas where vacuuming is called for. See High Efficiency Particle Vacuuming.

Venetian Blind Cleaning: Removal of dirt, soil, lint, smudges, smears, or other foreign material from window blinds.

Waste Container: Trash receptacles, wastebaskets, trashcans, wastepaper baskets, paper towel receptacles, ashtrays, or any container holding trash, paper, or refuse of any type.

Waxing/Finishing: Application of three coats of a non-slip gloss finish to hard surfaced floors such as vinyl, rubber, cork, linoleum, terrazzo, wood, or tile. Includes buffing if manufacturer recommended.

Wet Mopping: Removal of built up dirt, soil, liquids or other foreign materials from a floor using cotton, or similar yarn-type mop with either sufficient neutral detergent and water solution, or neutral disinfecting detergent and water solution; includes rinsing if recommended by the detergent manufacturer.

14.1.7 Recycle Program

The Contractor is responsible for the recycle program for paper and cardboard, and assists in the recycling of aluminum beverage cans. Recycling programs other than noted in this Annex that the Contractor may wish to implement shall first be approved, in writing, by the CO. The Contractor may retain revenues generated by the sale of recycled materials, except aluminum cans and scrap metals. All installation and operational costs incurred by recycle programs other than noted in this Annex shall be the sole responsibility of the Contractor, unless directed and/or approved by the CO.

*JSC owns 180 recycle bins with a 250-pound capacity each, into which employees deposit white paper for recycling. The repair and or replacement of damaged bins are the responsibility of the Contractor.

14.1.8 Contractor-Furnished Items and Services

The Contractor shall ensure that all services protect the integrity of the government's property, equipment, and supplies. Contractor employee's private vehicles shall not be used to transport Government property and supplies. The Contractor shall furnish all supplies, equipment, personnel, tools, materials,

supervision, and all other items and services necessary to perform all custodial services. The Contractor shall also provide any auxiliary equipment required to store and/or dispense such materials.

The Custodial *TMR shall approve paper towel, soap, and toilet paper dispensers, or any other dispensing equipment prior to its installation. The dispensers currently in use at *JSC are provided by Pollock, a distributor for Georgia Pacific, with the understanding that products for those dispensers will be purchased from that company. Pollock will repair or replace any dispenser not in good working order and the Contractor shall coordinate that repair or replacement when deemed necessary by the Custodial *TMR. If the Contractor decides to purchase products from a different company, the Contractor shall be required to provide replacement dispensers at no additional charge to the Government and maintain those dispensers in good working order, including repair or replacement with equivalent equipment when deemed necessary by the Government, and at no additional expense to the Government.

No material shall be used which will scratch or etch floors, floor covering, toilet fixtures, woodwork, painted surfaces, furniture, or which will create health or safety hazards. Where the Government specifies a product, there shall be no deviation or substitution without Custodial *TMR approval. The Government reserves the right to approve or disapprove any product. All products with a Material Safety Data Sheet (MSDS) requirement must have a copy of the MSDS on file with the OMOH contractor, who will assign a JSC MSDS number.

Vacuum cleaners for carpeted floors shall be of industrial quality with a motor driven brush and beater-bar.

HEPA vacuum cleaners that are consistent with JSC and Occupational Safety Health Administration (OSHA) regulations shall be used in all areas where vacuuming is called for. The Contractor shall service the HEPA vacuum cleaners in strict compliance with manufacturer specifications, OSHA/JSC environmental guidelines and regulations at no cost to the Government. Service shall include, but not be limited to, filter element replacement, checking all parts and ensuring the vacuum operates properly. Maintain/repair as necessary.

The Contractor shall furnish supplies, materials, etc., based on a site population of approximately 13,000 to 14,000. Samples of supplies, materials, etc., shall be submitted to the Custodial *TMR for approval prior to contract start and whenever a change occurs. Supplies, materials, etc., shall meet or exceed the quality of the items used immediately before contract start.

All electrical equipment used by the Contractor shall meet all applicable safety requirements. This shall include either the use of Ground Fault Circuit Interrupters (GFCI) and/or a wiring inspection program to ensure the integrity of ground pins, grounding continuity, strain relief, and the insulation integrity of plugs and cords. This equipment must operate at full rate performance levels using existing building circuits. GFCI power block cords shall be used each time a piece of electrical equipment is used.

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The Contractor shall submit a listing of all products each month as required in Section J, DRD AN-14.4.

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The Contractor shall submit a Custodial Recyclable Material Report as required in Section J, DRD AN-14-2

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The Contractor shall furnish plastic waste container liners of adequate quality (strength) and size to protect each waste container. Liners shall ensure no spillage or leakage occurs between the time trash is initially deposited until it is properly removed from any *JSC building and is properly disposed of as solid waste.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
14.2	Basic Services	Perform basic services at the frequencies indicated on each line item. Move all chairs, waste containers, or easily moved items while performing basic services and return them to their original position.	See below	See below
14.2.1	Drinking Fountains and Wash Stations Drinking fountains and washbasins are clean.	Clean, disinfect, and polish all drinking fountains and wash stations free of material containing living bacteria, viruses, or other contaminants capable of causing infections. Perform 5W on 460 drinking fountains and wash stations. NOTE: Each of the 460 drinking fountains will require 251. (251 is based on 365 days minus 104 weekend days minus the 10 Government holidays. This applies to all annex 14 work with a 5W frequency.)	251 cleanings	Drinking fountains and wash stations are cleaned properly and on time.
14.2.2	Mirror & Glass Cleaning Mirrors and glass surfaces are clean.	Clean interior and exterior door glass and associated frames in carpeted or hard floor entrance areas, common areas, and hallways. Remove all excess spray/solution from any surrounding trim or surfaces. Examples of areas to be cleaned are building entry doors, glass panels next to the entry doors, glass covered bulletin boards, etc. Perform 2W on 30,000 sq. ft.	104 cleanings	Mirror/glass is cleaned properly and on time.
14.2.3	Elevator Cleaning Elevators are clean	Clean elevator cab walls, doors, and threshold plates. Sweep and damp mop elevator hard floors or vacuum elevator carpeted floors. Vacuum elevator door tracks. There are 62 elevators. Perform 3W on 62 elevators.	156 cleanings	Elevators are cleaned properly and on time.
14.2.4	Dusting/Cleaning Entrances, Hallways, and Carpeted Areas Entrances, hallways and carpeted areas are dusted/cleaned	Dust/clean carpeted rooms, tiled and carpeted hallways and inside entrance areas. Do not use devices that merely displace or redistribute the matter, such as feather dusters, unless treated to attract and hold the matter. Clean furniture, fixtures and walls with a cleaner, wood cleaner, and/or polish as appropriate for surface. Clean/polish metal surfaces and fixtures with a nonabrasive cleaner/polish. Dusting/cleaning includes, but is not limited to; cleaning and disinfecting HVAC louvers, baseboards, corners, areas behind doors, air vents, venetian blinds and ledges/windowsills. Perform monthly on 1,025,000 sq. ft	12 cleanings	Dust/clean carpeted rooms, tiled and carpeted hallways, and entrance areas properly and on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
14.2.5	Clean and Service Restrooms, Medical Office, and Laboratories Restrooms, medical, offices, and laboratories are clean and serviced	<p>Clean inside and outside of fixtures with a disinfectant solution. Fixtures include, but are not limited to, toilets, urinals, lavatories, and sinks. Do not clean lavatories and sinks with any items used to clean any other rest room items including, but not limited to: toilets, urinals, walls, floors, and partitions. Disinfect partitions, stalls, stall doors, and wall areas adjacent to wall-mounted lavatories, urinals, and toilets. If present, shower, locker, and dressing rooms shall be considered part of the restrooms and cleaned under the same guidelines. Clean all mirrors/mirror trim, and hardware. Clean or polish any furniture as appropriate.</p> <p>Service dispensers, stocking with sufficient supplies to last to next scheduled service. Replenish dispensers if emptied prior to next servicing. Coordinate for the repair or replacement of any dispensers. Empty and disinfect waste containers and replace plastic liners.</p> <p>Sweep and wet mop hard floors with a disinfectant. Clean floor drains and flush with a disinfectant. Vacuum carpeted floors. Clean any wainscoting, partitions, walls, and doors.</p> <p>Display a "Closed for Cleaning" bar-type sign, placing it between the doorjamb of the restroom, locker room, or vestibule entrance during the entire cleaning process. Upon completion of the cleaning, remove the signs and display "Wet floor" caution signs, one sign to be placed every 30-35 feet, when cleaning floors in an area where people (other than Contract personnel) are or shall be present before floors are dry. Remove and store the signs when floors are dry.</p> <p>Police area and spot clean to remove any spills or standing water.</p> <p>a. Perform 5W on 95,600 sq. ft of restrooms and 10,250 sq. ft of medical offices/patient rooms/labs.</p> <p>b. Perform 7W on 1,055 sq. ft. for the following: Bldg 30S/Rooms 23RME, 23RWE, 23VME, 23VWE, 43RME, 43RWE, 43VWE, and 43VME.</p> <p>c. Perform 8W on 506 sq. ft. for the following: Bldg 90D.</p> <p>d. Perform 11W on 2,350 sq. ft. for the following: Bldg 207/Rooms 120 and 135.</p>	<p>See below.</p> <p>251 cleanings</p> <p>365 cleanings</p> <p>416 cleanings</p> <p>572 cleanings</p>	<p>Restrooms, medical offices, and laboratories are cleaned properly and on time.</p>
14.2.6	Inside Stairs, Stairwells, Ramps, and Landings Inside stairs, railings, ledges, stairwells, and ramps, and landing surfaces are clean.	<p>Clean stairs, railing, ledges, inside stairwells and landing surfaces. Do not use devices that merely displace or redistribute the matter, such as feather dusters, unless they are treated to attract and hold the matter. Damp mop stair surfaces and landings. Walls, furniture, and fixtures shall be free of splash marks, spots or cleaning residue.</p> <p>a. Perform weekly on 58,450 sq. ft.</p>	<p>See below.</p> <p>52 cleanings</p>	<p>Stairs, railings, ledges, inside stairwells and ramps, and landing surfaces are cleaned properly and on time.</p> <p>See Above.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
14.2.7	Light/Lamp Replacement Incandescent and fluorescent lights and lamps are replaced when burned out or flickering.	<p>b. Perform 2W on 2,760 sq. ft. in Bldg 30S/All, Bldg 9N/Rms 12SNE, and 12SNW</p> <p>Provide and replace burned out or flickering light bulbs/lamps with same type, wattage/voltage. Clean fixtures, globes, reflectors, covers, diffusers, and plastic side panels when lamps are replaced and clean any adjacent areas that become contaminated with foreign material, including dust, dirt, or cleaning product residue. Complete bulb/lamp replacement for those 10 foot and below within 4 hours.</p> <p>Place burned out bulbs and lamps into box when box is full of burned out bulbs, date and label "Universal Waste." Lamps shall be collected and recycled by COSS contractor in accordance with Annex 9 requirements.</p> <p>NOTE: Majority of light fixtures at *JSC are located in ceilings 10 feet and under; however, approximately 20 percent are located in ceilings over 10 feet high. Approximately 75,000 are single fluorescent bulb, 1,000 are four bulb fluorescent, 1,000 are halogen, quartz, or other, and 3,000 are incandescent. (Workload data reflects 80% below 10 feet.)</p>	<p>104 cleanings</p> <p>80,000 fixtures at *JSC.</p>	<p>See Above.</p> <p>Lighting is replaced properly and on time.</p>
14.2.8	Inside/Outside Entrance Area Floors Inside and outside entrance areas appear clean.	<p>a. Sweep and damp mop inside entrance area floors to remove all dirt, dust, spills, stains, and standing water. Police the entrance areas during foul weather to ensure that all standing water is removed. Display "Wet floor" caution signs, one sign to be placed every 30-35 feet, when cleaning floors in an area where people are or shall be present before floors are dry. Remove and store the signs when floors are dry. Ensure the umbrella bag dispensers located in most building inside entrance areas are sufficiently stocked with Custodial *TMR provided bags.</p> <p>Perform daily 5W on 60,000 sq. ft.</p> <p>b. Clean entrance mats, remove dirt, dust, soil, and moisture from underneath mats, clean the floor under the mats so it matches the rest of the floor, and return the mats to their original location. Clean walk-off mats located outside of building entrances, outside entrance areas, and steps leading to the building.</p> <p>Perform 3W on 60,000 sq. ft.</p> <p>Upon request from Custodial *TMR, replace damaged or worn mats with Custodial *TMR provided mat within 2 days.</p>	<p>See below</p> <p>251 cleanings</p> <p>156 cleanings</p> <p>24 mats.</p>	<p>Inside entrance area floors and outside entrance areas are cleaned properly and on time.</p> <p>See above.</p> <p>See above.</p> <p>Mats are replaced properly and on time.</p>
14.2.9	Hard Floor Cleaning Floors are clean.	<p>a. Dust-mop or sweep hard floors to remove airborne dirt, soil, lint, or other foreign material using a clean anti-static dust-mop.</p> <p>1. Perform 2W on 1,754,800 sq. ft.</p>	<p>See below.</p> <p>104 cleanings.</p>	<p>Floors are cleaned properly and on time.</p> <p>See above.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		2. Perform 5W on 6,000 sq. ft. in Bldg. 1/Ninth floor; Bldg. 3/Rms 103AC, 103AN, 103AS, 103W; Bldg. 11/Rm 101 (Serving Area); Bldg. 110/Room 120.	251 cleanings	See above.
		b. Wet or damp mop, or machine scrub floors to clean free of all dirt, lint, debris, liquids, streaks, smudges, heel marks, or other foreign material which can be reasonably removed. Sweep floors prior to mopping or machine scrubbing. Allow no build-up in corners, crevices, under or around furniture parts. Machine scrub floors using low speed (revolutions per minute) (rpm) to reduce splashing. Clean walls and furniture free of splash marks/spots caused by cleaning solutions	See below	See above.
		1. Perform weekly on 1,658,800 sq. ft.	52 cleanings.	See above.
		2. Perform 2W on 87,000 sq. ft. in Bldg 1/Floors 1-9, Bldg 110/Rm 120	104 cleanings.	See above.
		3. Perform daily 5W on 14,300 sq. ft. in Bldg 3/Rms 103AC, 103AN, 103AS, 103W; Bldg 8/Rms 134, 134A, 136A, 138, 139, 142, 143, 145-156, 161, 161B-D, 162-164, 1104, 1106, 208, 223, 223A, 277, 277A, 277B, 277E, 278; Bldg 11/Rm 101 (Serving Area).	251 cleanings	See above.
		NOTE: When cleaning Building 10, Rooms 217, 217A, and 218 (approximately 2,000 sq. ft.), a cleaner/neutralizer manufactured by Techspray, Zero Charge Cleaner/Neutralizer #1722, shall be used. MSDS information is shown in Section J, Attachment P, Exhibit P-5.		
		NOTE: Take special care on tiled pedestal floors to ensure liquid is kept to a minimum to protect the tile and prevent seepage.		
		NOTE: Floors with vinyl floor tile shall be scrubbed or stripped in strict compliance with OSHA Floor Care Operations, 29 Code of Federal Regulations (CFR) 1910.		
14.2.10	Vacuum Carpets and Rugs Carpets and rugs are clean.	HEPA vacuum carpet and rugs free of all loose soil, dirt, debris, or any other loose foreign matter. Daily, inspect carpet and rugs, and spot vacuum between designated frequencies.	See below.	Carpet is vacuumed properly and on time.
		a. Perform 2W on 724,750 sq. ft..	104 cleanings	See above.
		b. Perform 5W on 17,450 sq. ft in Bldg 3/Rms 100, 100A, 1AN, 1AS, 1AWN, 1AWS. Bldg 8/Rms 140, 141, 165, 1100, 1102, 220, 223B. Bldg. 11/Rms 100, 1AE1, 1AE2, 1AW, 1ASE, 1ASW.	251 cleanings	See above.
		NOTE: Bldg 30S, Flight Control Rooms 2306 and 2326 shall be cleaned with non-electrical sweepers.		

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>c. Remove contents from designated aluminum beverage container receptacles and transport to approximately eleven designated locations. Remove and dispose of any items other than aluminum beverage containers prior to placement in permanent recycle container. Clean any beverage spills that occur during collection.</p> <p>NOTE: The designated locations are currently buildings 1, 4S, 8, 16, 45, 30, 32, 37, 227, 207, and 419. The COSS contractor has no responsibilities after the cans are deposited in the permanent recycle container.</p>	3,000 pounds of aluminum recycled.	See above.
		<p>d. Conduct a comprehensive study and survey of solid waste generation and accumulation activities at *JSC. The survey shall include, but is not limited to:</p> <ol style="list-style-type: none"> 1. Location, volumes, weights, and types of wastes currently generated. 2. Locations, volumes, weights, and % of materials currently being recycled. 3. Locations, types, and amounts of potential recyclables remaining in disposed of solid waste (at a minimum potential recyclables must include wood, concrete, metals, cardboard, paper, plastic, grass or other compostable material). 4. Identification of potential reusable materials (by type, volume, weights, and location) found in the solid waste. 5. Identification of areas where additional recycling or reuse of materials would be practical. 6. Evaluation of costs to implement and potential costs savings and cost avoidance of additional recycling or reuse. 7. Evaluation of required equipment, training, procedures or other requirements to implement each potential recycling or reuse program. 8. Identification of potential vendors/recyclers. 9. Any other information needed to evaluate selection of additional recycling programs. <p>The study shall be separated into 3 sections, one each for JSC, EF, and SCTF. Make recommendations facility specific. The study shall be completed by Oct. 1st of the first contract year.</p> <p>NOTE: Recycling of wood pallets used in Annexes 10 and 11 are addressed in those annexes.</p>	1 study (Year One)	<p>Study is complete, accurate and contains all required elements.</p> <p>Study is complete on time.</p> <p>All required elements are included in the study.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>e. Fully implement mixed paper recycling at JSC at the start of Year 2 of the contract, in place of white paper recycling. Implementation includes all requirements for the recycling program, including but not limited to: extra containers, making arrangements for recycling of materials, awareness literature and training for employees and facility managers, manpower, transportation, and collection devices and any other activities or materials, as needed.</p> <p>NOTE: It is anticipated that the same desk collection boxes and larger collection bins can be used to collect the mixed paper as the white paper. The rate of paper collection should increase requiring more frequent emptying removal. Specific information of the amounts and locations of additional paper to be included in this recycling program should be identified in the study in CLIN 14.2.13.d.</p>	2,000,000 pounds of paper, year 2, 3, 4, and 5	<p>Mixed paper recycling program is started on time.</p> <p>All required elements of the program are provided and in place at the start up and throughout the implementation.</p> <p>Awareness and/or training for employees and facility managers provided prior to initiating the program.</p>
		f. Return all revenues collected from metals recycling to the Government within 10 days of receipt by COSS contractor.	12 transactions	<p>All revenues from recycling are returned to the government.</p> <p>Revenues are returned on time.</p>
		<p>g. Track information on a monthly basis on the waste generation, costs of disposal and recycling, and amount of wastes recycled. Track information electronically (Excel or other similar format) and place information in location, such as shared server folder, that is accessible to the Environmental *TMR. Update the information by the 15th day of each month for previous month's activities.</p> <p>Information tracked includes, but is not limited to: cubic feet and tons of solid waste collected; total cost of disposal of waste via landfill and cost by cubic feet or tons; cubic feet and tons of recycled solid waste; revenue received from recycling for each recycled item; value per cubic foot or ton received for each recycled item; a list of all transportation fees associated with recycling; total % of waste diverted from landfilling; restraints or impediments to recycling.</p>	12 months	

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
14.2.14	Solid Waste Removal Solid waste is removed and areas are free of litter.	<p>Empty all waste containers within buildings when 2/3 full or 3W, whichever occurs first. Clean container with a disinfectant if soiled, wipe dry, and replace plastic liner if soiled or leaking. Replace liners on all containers used for disposal of liquids, and clean and disinfect the container if the liner leaked. Empty waste containers in food consumption areas, including, but not limited to: cafeterias, vending areas, concession areas, break rooms, etc., and in Building 211, B30S/Rooms 2326, 4301, and 4328 daily, and replace plastic liners. Pick up and dispose of any waste that falls on the floor and outside grounds during the solid waste removal process. Place collected waste in outside waste containers.</p> <p>Provide/remove wheeled trash bins with extra liners within 3 hours of request.</p> <p>Establish and maintain a solid waste removal service. At the time of service, ensure dumpsters, roll-offs, and compactors are free of all waste. Provide service to the solid waste containers when 2/3 full, or more frequently if required, to prevent overfilling or non-availability. Do not let collected trash accumulate outside of any *JSC facility unless it is contained in approved Contractor supplied "dumpster" type container. Ensure areas around the containers are free of debris. Ensure outside of dumpsters, roll-offs, and compactors are free of graffiti. Ensure dumpsters are closed at all times except when adding waste to them. Keep interior of dumpsters free of residue build-up or offensive odors. Do not stage or dispose of trash or waste, in any form, on Government property. Dispose of waste in an approved landfill or equally acceptable means, approved in writing, by the Custodial *TMR. Move any or all roll-offs to other locations when requested by the Custodial *TMR.</p> <p>Provide and place dumpsters outside of designated buildings, as approved by the Custodial *TMR. Maintain dumpsters in operational condition, and repair if damaged.</p> <p>Provide and service when 2/3 full, or more frequently, to prevent overfilling:</p> <ul style="list-style-type: none"> a. Two 40 cubic yard roll-off containers in the pit area south of Bldg. 333. b. One 30 cubic yard roll-off at Bldg. 10. c. Two 30 cubic yard roll-offs at Bldg. S920. d. One 20 cubic yard roll-off at Bldg. E270. e. One 6 cubic yard dumpster at Bldg. 9S. f. One 4 cubic yard dumpster at Bldg 95B. 	<p>38,000,000 pounds.</p> <p>See above.</p> <p>See above.</p> <p>See above.</p> <p>See above.</p> <p>See above.</p>	<p>Solid waste is removed accurately and on time.</p> <p>See above.</p> <p>See above.</p> <p>Dumpsters are placed and serviced accurately and on time.</p> <p>See above.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		Provide and service daily:	See above.	See above.
		a. One 8 cubic yard dumpster at Bldg. 3.		
		b. One 8 cubic yard dumpster at Bldg. 11.		
		c. One 8 cubic yard dumpster at Bldg. 207.		
		d. One 4 cubic yard dumpster at Bldg. 211.		
		Provide and service 3W, or more frequently, to prevent overfilling:	See above.	See above.
		a. One 8 yard dumpster at Bldg. 8.		
		Provide and schedule service consistent with the solid waste disposal for the other stationery dumpsters on site:	See above.	See above.
		a. One cubic yard rolling dumpster at Bldg 32.		
		b. One cubic yard rolling dumpster at Bldg 220.		
		c. One cubic yard rolling dumpster at Bldg 222		
		NOTE: Users are responsible for transporting the dumpsters onto the loading dock or other areas as designated by the Custodial *TMR for waste removal. When emptied, users are responsible for transporting the dumpsters back inside the buildings for which they are assigned.		
		NOTE: *JSC is working toward an Agency goal to reduce solid waste by 35% within 8 years.		
		a. Remove tobacco residue from approximately 165 ash receptacles located exterior to buildings twice a day, once in the morning and once in the afternoon. Replenish sand to appropriate level. Keep the area around ash receptacles free of litter and debris.	See above.	Tobacco residue is removed accurately and on time.
		Empty receptacle and replace the plastic liners 5W in approximately 200 trash containers located outside of buildings, at the Gilruth grounds, the Longhorn Pavilion, and in parking areas.		
		b. Maintain free of litter and debris *JSC property, including, but not limited to: the grounds, building perimeters, the Longhorn Pavilion, the entire Gilruth complex (except the ball fields), stair wells, stairs, and ramps, identified as serviceable under the terms of this contract, site fence line, to include any litter or debris trapped in the fence structure.	See above.	Areas are maintained free of litter and debris accurately and on time. See above.
		NOTE: This service shall specifically exclude those areas of Ellington Field considered to be off-limits to pedestrian traffic, including runways, taxiways, aprons, and facilities maintained and policed by others as lump sum activities.		

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		c. Sweep and damp mop or hose off picnic/pavilion areas on the Gilruth grounds and the Longhorn Pavilion (Bldg 95) and clean picnic tables weekly to remove all residue. Empty and clean all barbecue grills and remove cobwebs and visible dirt from pavilion structures semimonthly.	See above.	See above.
14.3	Periodic Services Perform Periodic Services	Performed periodic services when and where requested by the Custodial *TMR. Note: For items below assume average monthly values to be one-twelfth of workload data. There will be instances (special events, etc.) that will cause fluctuations in the workload.	See below.	See below.
14.3.1	Dusting/Cleaning Requested areas are dusted & cleaned.	Dust/clean as requested. Do not use devices that merely displace or redistribute the matter, such as feather dusters, unless treated to attract and hold the matter. Clean furniture, fixtures and walls with a cleaner, wood cleaner, and/or polish as appropriate for surface. Clean/polish metal surfaces and fixtures with a nonabrasive cleaner/polish. Dusting/cleaning includes, but is not limited to: cleaning and disinfecting Heating Ventilation and Air Conditioning (HVAC) louvers, baseboards, corners, areas behind doors, air vents, venetian blinds and ledges/windowsills.	2,000,000 sq. ft.	Dust/clean requested area accurately and on time.
14.3.2	Unscheduled Cleaning Clean ups are performed and area appears as it did before the incident.	a. Provide services for cleaning tasks beyond the scope of basic services. Complete within 1 hour of request between 5:30 a.m. and 5:30 p.m. and within 2 hours of request between 5:30 p.m. and 5:30 a.m. Examples of unscheduled cleaning include, but are not limited to: clean up of overflowed restroom toilets and sinks, spills, broken glass, etc. b. Clean up of blood/infectious material within 30 minutes of request in accordance with the OSHA Blood borne Pathogen Program, 29 Code of Federal Regulations (CFR) 1910. Deliver the material to the JSC Clinic. Provide clean up (support) under conditions specified in Section J, Exhibit P-4. Develop a Blood borne Pathogen Program for approval by the Government 2 weeks prior to the contract start date. Submit the final Blood borne Pathogen Program to the Custodial *TMR for approval on the contract start date. NOTE: Historically for blood/infectious material, only one or two requests per year are considered major in nature. NOTE: The majority of unscheduled clean ups occur between 5:30 a.m. and 5:30 p.m.	250 requests. 20 requests.	Cleaning services are performed accurately and on time. Blood/infectious material cleanup is completed accurately and on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
14.3.3	Interior Windows/Window Area/Venetian Blinds Interior glass surfaces, frames, sills, trim, and venetian blinds are clean.	Clean interior window glass surfaces, frames, sills, trim, venetian blinds, or similar window covering ensuring a clean, uniform appearance. Remove all excess spray/solution from surrounding trim or surface. Do not use devices that merely displace or redistribute the matter, such as feather dusters, unless they are treated to attract and hold the matter.	130,000 sq. ft.	Interior glass surfaces, frames, sills, trim, venetian blinds or similar window coverings are cleaned accurately and on time.
14.3.4	Exterior Glass Surfaces/Window Frames Exterior glass surfaces/window frames are clean.	Clean all exterior glass surfaces including windows and window frames to ensure a clean, uniform appearance. NOTE: Contractor will only be tasked to clean first floor exterior windows on multi-floor buildings.	100,000 sq. ft.	Glass surfaces/window frames are cleaned accurately and on time.
14.3.5	Strip, Seal, and Wax/Finish Hard Floors Floors are stripped, sealed and waxed or finished and look clean.	Sweep/dust-mop floors prior to striping. Strip to remove all cleaning solution, deposits, dirt, marks, stains, water, and wax prior to application of sealer and wax. Strip floors using low speed (rpm) to prevent splashing. Apply sealer, and then wax/finish so floors have a uniform, glossy appearance with no evidence of splashing on furniture, walls, or fixtures, and no evidence of build-up or discoloring. Buff surface if recommended by the manufacturer. Buff floors using low speed (rpm) to reduce splashing. NOTE: In Building 10, Rooms 217, 217A, and 218 (approximately 2,000 square feet), two products manufactured by "Techspray", #1721 Zero Charge Floor Stripper and #1720 Zero Charge Static Dissipative Floor Coating, shall be used for this task. MSDS information is shown in Section J, Attachment P, Exhibit P-5. NOTE: Floors with vinyl floor tile shall be stripped in strict compliance with OSHA Floor Care Operations, 29 CFR 1910.	1,800,000 sq. ft.	Floors are stripped, waxed and finished accurately and on time.
14.3.6	Shampoo Carpet/Rugs Carpet/rugs are clean.	Vacuum carpet/rugs free of all loose soil and debris prior to shampooing. Shampoo, using a Custodial *TMR approved method, free of any foreign material such as dirt, soil, and stains. Carpet shall have a uniform appearance. Clean carpet, baseboards, walls, and furniture/fixtures free of cleaning agent residue. Use minimum amount of liquid on pedestal tile floors to prevent contamination of carpet underside. NOTE: Several buildings have carpeted areas and/or rooms that require cleaning with HEPA vacuum cleaners. See Table 14.1.	1,000,000 sq. ft.	Carpets are shampooed accurately and on time.
14.3.7	Emergencies/Special Events/Visitor Custodial Services Custodial support services are provided for major emergencies, special events, Very Important Persons (VIP) visits, etc.	Provide custodial support services for contingencies including, but not limited to: major emergency situations, special events, VIP/dignitary visits, shuttle missions, and other similar occurrences. Provide support within 15 minutes for major emergency situations and within 24 hours for non-emergency situations. The timeframe covered by this CLIN will be 24 hours per day, 7 days per week (including holidays). See **Emergency/Special Events/Visitor Custodial Services.	11,000 man-hours.	Custodial support is provided accurately and on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
14.3.8	Interior Extermination Buildings are reasonably free of insects and rodents without producing objectionable or offensive odors or residue.	Perform extermination treatment in designated area using Custodial *TMR approved method, adhering to manufacturers recommendations, and in accordance with OSHA and Texas Structural Pest Control Board guidelines and requirements. Use methods that do not produce offensive or objectionable odors or residue. Perform chemical spraying after 5:30 p.m., or preferably, on weekends. Advise the Custodial *TMR of need for termite treatment. Fax a copy of the consumer information notice to the Custodial *TMR within 1 hour of preparation, but no later than two workdays before extermination is performed. Keep a file copy. NOTE: The contractor can expect the requests identified in the workload data to cover approximately 225,000 square feet per year.	900 requests.	Extermination and documentation are done accurately and on time. No instances of regulatory violations.
14.3.9	Short-term Supplemental Waste Removal Short-term supplemental solid waste removal service is provided.	a. Provide two, four, six, or eight cubic yard supplemental dumpsters or 20, 30, or 40 cubic yard roll-off solid waste containers to support short-term special requirements within 3 days of request. Occasionally, emergency requests will require provision on next day. Provide service to the dumpsters or roll-off containers when they are 2/3 full, ensuring they are not overfilled or unavailable. At the time of servicing, ensure dumpsters and roll-offs are free of all wastes. Ensure areas around the bins are free of debris. Ensure dumpsters and roll-offs are free of graffiti, residue and odor. Provide daily service to Buildings 3, 8, 11, and 211. b. Deliver, locate, and make ready for use solid waste, standard size portable restrooms within 3 workdays of the request (within 24 hours for emergency requirements). Remove and service by the business day following the end of the event.	500 cubic yards in combined sizes. 20 portable restrooms.	Dumpsters are provided and serviced accurately and on time. Portable restrooms are provided, serviced and removed accurately and on time.
14.3.10	Personnel Requirements Personnel requirements are met for all employees.	Supervisors shall be able to speak and read English, and shall be on site at all times while work is being done. The Contractor shall provide a point of contact (POC) and an alternate who speaks and reads English, who shall be responsible for the performance of the custodial work. The POC or alternate shall have full authority to act for the Contractor on all contract matters relating to daily operation of this contract. The POC or alternate shall maintain communications via a Contractor-supplied voice pager or cellular telephone system with the Custodial *TMR during all hours of operation. The Contractor is responsible for all expenses incurred for the operation of the pager or cellular telephone. Maintain current State of Texas License and/or Certification for work called for in this annex, including termite inspection.	Contractor determined. See above.	See below. Point of Contact and alternate speak and read English, are responsible for custodial work performance and maintain communications accurately and on time. Licenses and certifications are maintained accurately and on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>All custodial personnel shall be properly uniformed, neat, clean in appearance, and easily recognized. All employee uniforms shall be the same design and color. The uniforms worn by any field supervisors shall be of the same basic design, but may be of a different color for distinction from the general custodial staff. No shorts or cut-off slacks/trousers and no open toed shoes or sandals may be worn. Personnel shall be free of body odor and clothing shall be free of dirt and odor at the beginning of each workday.</p>	See above.	Personnel are properly uniformed and meet odor/cleanliness requirements accurately and on time.
14.3.11	<p>Training</p> <p>Training requirements are met for all employees.</p>	<p>Provide and document adequate training for each employee to competently, safely, and efficiently perform work identified in the contract. Training shall include, but not be limited to: orientation, introduction to assignments, chemical usage, tools and equipment, general procedures, restroom cleaning, common mistakes, spray buffing, safety, recycling, relamping, personal protective equipment, OSHA Class IV (4) Asbestos Training, and Blood Borne Pathogen Training.</p> <p>JSC specific training relating to Safety and Health shall also be required for all employees, along with periodic refresher courses, as required by JSC and/or OSHA. When non-English speaking and reading personnel are to be trained, the Contractor shall provide the training and ensure the training is the same program used for English-speaking and reading personnel. Ensure that all training is received prior to performing work.</p> <p>Provide all necessary equipment and supplies to conduct the non-JSC/OSHA specific training courses outlined in Annex 14, including, but not limited to: audio-visual equipment, as well as any equipment, supplies, or chemicals used for demonstration purposes. JSC will provide training for any JSC-specific safety-related courses required.</p> <p>Train and maintain a clean-up response crew to provide for clean up of blood/infectious material during work hours.</p>	Nothing additional.	Training and documentation are completed accurately and on time.
14.4	Records, Reports, and Submittals			
14.4.1	<p>Custodial Cleaning Schedules</p> <p>Develop/maintain/submit the submittal specified</p>	Develop, submit and update the Custodial Cleaning Schedules per DRD AN-14-1.	1 Report	Work schedule submitted accurately and on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
14.4.2	Comprehensive Recycling Study Report Provide Comprehensive Recycling Study Report	Submit an organized narrative report detailing the recommendations and findings of the comprehensive solid waste generation and recycling study required in CLIN 14.2.13.d. Include all elements required in the study. All assumptions, data collection and study methodology and justification, findings, background documentation, and numerical data collected during the studies, shall be included as appendices to the report. The report shall be separated into 3 sections, one each for JSC, EF, and SCTF. Make recommendations facility specific. Submit the report by the 30 th day of the seventh month after contract start date.	1 report, year 1 only	Report is accurate, complete, and provided on time.

PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J - LIST OF ATTACHMENTS

ATTACHMENT C – DATA REQUIREMENTS LISTINGS AND SUBMITTALS

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<u>DOCUMENT</u>	<u>DESCRIPTION</u>	<u>FREQUENCY</u>	<u>PAGE</u>
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SA-1-3	Safety and Health Program Self Evaluation	Annually	J-C, DRD, 10
SA-1-4	Monthly Statistical Information	Monthly	J-C, DRD, 11
SA-1-5	Hazardous Materials Inventory	Annually	J-C, DRD, 12
SA-1-6	Log of Occupational Injuries and Illnesses	Annually	J-C, DRD, 13
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JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

DRL IDENTIFICATION

- a. **Title** - Enter nomenclature descriptive of activity to which the DRL pertains, such as project, contract, statement of work, or request for proposal.
- b. **Contract/RFP Number** - Enter contract number or RFP number, if applicable.
- c. **Date** - Enter DRL preparation date as follows: Month-Day-Year. Subsequent modification dates may also be entered in this block.

LINE ITEM IDENTIFICATION

1. **Line Item No.** - Number line items sequentially, 1 through 999.
2. **DRD Title** - Enter DRD title from block 1 of JSC Form 2341.
3. **Frequency** - Enter frequency of submittal code as follows:

<u>Code Description</u>		<u>Code Description</u>		<u>Code Description</u>	
AD	As Directed	DD	Deferred Delivery	RD	As Released
AN	Annually	EOGFY	End of Government Fiscal Year	RT	One Time and Revisions
AR	As Required	MO	Monthly	SA	SemiAnnually
BE	Biennially (Every other yr.)	OT	One Time	TY	Three Per Year
BM	Bimonthly (Every other mo.)	PV	Per Vehicle	UR	Upon Request
BW	Biweekly (Every other week)	QU	Quarterly	WK	Weekly
DA	Daily				

4. **As-Of Date** - If reports are of a recurring nature, give as-of date (cutoff date and due date: e.g., 15/1 indicated input cutoff date of 15th and due date of 1st). Amplify in Remarks, Item 9, if necessary.
5. **First Submittal** - Enter Month/Day/Year of initial submittal. If calendar date is not scheduled, enter number of days preceding or following event to which data requirement is related (e.g., 90 days prior to launch). Amplify in Remarks, Item 9, if necessary.
6. **Copies** - Complete 6a and 6b as specified below.
 - a. **Type** - Enter code as follows:

<u>Code</u>	<u>Definition</u>	<u>Code</u>	<u>Definition</u>
PRINT	Printed Copies	ELECT	Electronic copy through Email
REPRO	Reproducible Copy	OTHER	Explain Remarks, Item 9
MIXED	Combination of Other Codes		

- b. **Number** - Enter number of copies required opposite each type of copy furnished.
7. **Data Type** - Check the appropriate data type. Additional detail needed to clarify types or define subtypes may be added in block 9, REMARKS.
 - (1) Written Approval - Data requiring written approval by the NASA OPR before implementation into procurement or development program.
 - (2) Mandatory Submittal - Data submitted to NASA for coordination, information, review, and/or management control.
 - (3) Submittal upon Request - Data prepared and retained by respondent to be made available to requiring organization upon request.
8. **DISTRIBUTION** - List current codes or addresses and names of organizations which are to receive copies of documents generated under the DRD. If more than one copy is required, so indicate in parenthesis by recipient's name. Continue on a blank sheet if necessary.
9. **REMARKS** - Enter in this space.
 - a. Reference to specific work statement paragraph as applicable to explain relationship of data to task.
 - b. Additional submittal information, if necessary.
 - c. Comments which explain an entry made in any block of the DRL.
 - d. OPR for a specific DRD, if different from contract COTR.

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

a. Title of Contract, Project, SOW, etc. Center Operations Support Services (COSS) Contract				b. Contract/RFP No. RFP9-BJ32-T63-0-24P		c. DRL Date/Mod Date 01-31-01	
1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
SA-1-1	Safety and Health Plan, DRD-SA-1-1	Once w/Updates				Mixed	4 + 1
7. Data type: <input checked="" type="checkbox"/> (1) Written approval <input type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) JSC Occupational Safety Branch (1 hard copy, 1 electronic copy) JSC Occupational Health Officer (1 hard copy) JSC Emergency Preparedness Office (1 hard copy) JSC Environmental Services Office (1 hard copy) JA Safety Manager (1 hard copy, 1 electronic copy)		9. Remarks Copies with proposal as provided in RFP instructions; distribute to those in block 8 after Government approval. Amend to contract by contract mod.					
1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1 st subm. Date	6. Copies	a. type	b. number
SA-1-2	Roster of Terminated Employees, DRD-SA-1-2	Annual				Mixed	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) JSC Occupational Health Officer (1 hard copy, 1 electronic copy)		9. Remarks 30 days after the end of each contract year					
1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1 st subm. Date	6. Copies	a. type	b. number
SA-1-3	Safety and Health Program Self Evaluation, DRD-SA-1-3	Annual				Mixed	2 + 2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) JSC Occupational Safety Branch (1 hard copy, 1 electronic copy) JSC Occupational Health Officer (1 hard copy, 1 electronic copy)		9. Remarks					

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1 st subm. Date	6. Copies	a. type	b. number
SA-1-4	Monthly Statistical Information, DRD SA-1-4	Monthly				Mixed	1 + 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) JSC Occupational Safety Branch (1 hard copy, 1 electronic copy)		9. Remarks					

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1 st subm. date	6. Copies	a. type	b. number
SA-1-5	Hazardous Materials Inventory, DRD SA-1-5	Annual				Mixed	1 + 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) JSC Occupational Health Officer (1 hard copy, 1 electronic copy)		9. Remarks					

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1 st subm. date	6. Copies	a. type	b. number
SA-1-6	Log of Occupational Injuries and Illnesses, DRD SA-1-6	Annual				Print	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) JSC Occupational Safety Branch (2 hard copies)		9. Remarks					

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
SA-1-14	Monthly Safety and Health Metrics	Monthly				Mixed	3 + 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) JSC Occupational Safety Branch (2 electronic copies) JSC Occupational Health Officer (1 electronic copy) JSC COSS COTR (1 electronic copy) JA Safety Manager (1 electronic copy)		9. Remarks Due by 10 th of month following month reported					

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1 st subm. Date	6. Copies	a. type	b. number
SA-1-15	Safety and Health Lessons Learned	See Block 9				Mixed	1 + 1
7. Data type: <input type="checkbox"/> (1) Written approval <input type="checkbox"/> (2) Mandatory Submittal <input checked="" type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) JSC Occupational Safety Branch (1 electronic copy) JSC COSS COTR (1 electronic copy) JA Safety Manager (1 electronic copy)		9. Remarks Contractor determined or as requested by COTR					

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-1	Y2K-HVAC and Lighting Baseline Status Report	Monthly		see block 9		Mixed	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Electronic distribution. One hard copy and one electronic copy to JSC Energy Conservation Manager.		9. Remarks Due by 10th of the following month.					

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-2	Quality Control Plan	As Required		see block 9		Mixed	See Block 9
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Hard copies to CO Electronic copy to CO		9. Remarks 20 hard copies due with proposal submission 20 hard copies & 1 electronic copy due 15 days before contract start 5 hard copies & 1 electronic copy 15 days after approved change					

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1 st subm. Date	6. Copies	a. type	b. number
AN-1-3	JSC's Energy and Water Conservation and Management Plan	Annually		See Block 9		Mixed	4
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One electronic copy to CO. One hard copy and one electronic copy to JSC Energy Conservation Manager.		9. Remarks Electronic copy must be in a Microsoft Windows Product. Due 60 days after contract start with annual updates.					

Comment [Insert1]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-4	Monthly Utility Report (MUR)	Monthly				Mixed	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One hard copy to COTR. One electronic copy to JSC Energy Conservation Manager.		9. Remarks Electronic copies must be in Microsoft Excel.					

Comment [Insert2]:

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-5	NASA Quarterly Energy Consumption and Cost Report	Quarterly				Mixed	4
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One hard copy to CO. One hard copy and one electronic copy to JSC Energy Conservation Manager.		9. Remarks Electronic copy must be in a Microsoft Windows Product.					

Comment [Insert3]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1 st subm. Date	6. Copies	a. type	b. number
AN-1-6	Cold Weather Protection Plan	Annually				Mixed	3
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One electronic copy to CO. Two hard copies to COTR.		9. Remarks Electronic copy must be in a Microsoft Windows Product.					

Comment [Insert4]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-7	Supporting SOP's of JSC Emergency Preparedness Plan JSC-05900	Annually		See Block 9		Mixed	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One electronic copy to CO One hard copy to CO		9. Remarks Electronic copy must be in a Microsoft Windows Product. Due 30 days after start of contract with annual updates.					

Comment [Insert5]:

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-9	Wage/Salary and Fringe Benefits Data	Annually		Start of contract		Mixed	4
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) CO (1 electronic copy and 1 hard copy) JSC Labor Relations Officer (1 electronic and 1 hard copy)		9. Remarks Must be provided in format identified in Wages Form 2 and Benefits Form 3					

Comment [Insert6]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-10	Functional Metrics	Varies, see DRD		1st mo. after contract start		Mixed	See DRD
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) COTR - Electronic and hardcopy CO - Electronic and hardcopy As Detailed in DRD for Specific Metrics		9. Remarks Copies, frequency, and distribution per DRD.					

Comment [Insert7]:

Comment [Insert8]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-11	Notification of Potential Labor Dispute and Contingency Strike Plan	As Required				Print	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) CO (1 hard copy) JSC Labor Relations Officer (1 hard copy)		9. Remarks					

Comment [Insert9]:

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-13	Subcontracting Reports	As Required per DRD			Mixed		2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) CO (1 electronic copy and 1 hard copy)		9. Remarks See DRD references for details					

Comment [Insert10]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-14	Security Reporting Requirements	As Required per DRD			Mixed		4
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) COTR (1 electronic copy and 1 hard copy) JSC Security Office (1 electronic copy and 1 hard copy)		9. Remarks					

Comment [Insert11]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-15	Information Technology Security Plan	As Required Per DRD		Within 90 days of contract start	Elect		1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) COTR (1 electronic copy)		9. Remarks					

Comment [Insert12]:

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-17	Workload Data Collection Report	Monthly		May 10, 2002		Mixed	4
7. Data type: <input type="checkbox"/> (1) Written approval <input type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) CO – electronic and hardcopy Maintenance & Repair TMR – electronic and hardcopy		9. Remarks					

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-18	Fixed Price Award Proposal	OT		April 30, 2004		Mixed	8
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) COTR – electronic and hardcopy CO - electronic and hardcopy Remaining 4 hardcopies - CO determined		9. Remarks					

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-19	NF533 Cost and Data Reporting	Monthly		May 10, 2002	8	Mixed	8
7. Data type: <input type="checkbox"/> (1) Written approval <input type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) LF6 Cost Accounting – 1 electronic & 1 hard copy BJ Contracting Officer – 1 electronic & 1 hard copy L13 Budget/Program Analyst – 1 electronic & 1 hard copy JA Technical – 1 electronic & 1 hard copy		9. Remarks					

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-3-1	Annual Facility Condition Assessment Report	Annually	2000	Sept. 2002		Mixed	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One electronic copy to JSC Planning Integration Office One hard copy to JSC Planning Integration Office		9. Remarks					

Comment [Insert13]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-4-1	Water Utility Report	Monthly		10th of mo. follow		Elect	1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One electronic copy to the CO.		9. Remarks					

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-4-2	Mission Readiness Plan	Annually As Required	1/15/01	Per DRD		Mixed	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One hard copy and one electronic copy to the CO.		9. Remarks					

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-4-3	JSC, Ellington Field, and Sonny Carter Training Facility Fire Hydrant and Flushing Plan	As Required Per DRD		30 days after contract start		Mixed	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One hard copy and one electronic copy to the CO.		9. Remarks					

Comment [Insert14]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-4-4	O&M Manuals for Water Supply Systems at JSC and Ellington Field	As Required		90 days after contract start		Mixed	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One hard copy and one electronic copy to the CO upon update.		9. Remarks					

Comment [Insert15]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-4-5	EMCS Alarm Management Plan	As Required	1/15/01	60 days after contract start		Mixed	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One hard copy and one electronic copy to the CO.		9. Remarks					

Comment [Insert16]:

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-9-1	Environmental Compliance Plan	Annually	2000	Contract Start		Mixed	5 + 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) JSC Occupational Safety and Quality Assurance Branch (1 hard copy) JSC Occupational Health Officer (1 hard copy) JSC Environmental Office (2 hard copies, 1 electronic copy) COTR (1 hard copy)		9. Remarks					

Comment [Insert17]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-14-1	Custodial Cleaning Schedule	Annually		2 weeks prior to contract start date		Elect	1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One electronic copy to the Custodial TMR.		9. Remarks					

Comment [Insert18]:

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Safety and Health Plan	1/01 (replaces 5/00 version)	SA-1-1	RFP9-J32-T63-0-24P

4. Use (Define need for, intended use of, and/or anticipated results of data)
Establishes Safety, Health, and Environmental Compliance Plan for contractors providing support to JSC organizations

***The Office of Primary Responsibility for this DRD is the JSC Safety, Reliability, and Quality Assurance Office

5. DRD Category: (check one)	<input type="checkbox"/> Technical	<input type="checkbox"/> Administrative	<input checked="" type="checkbox"/> SR&QA
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6. References (Optional) NPG 8715.3 (as revised); JPG 1700.1 (65 as revised)	7. Interrelationships (e.g., with other DRDs) (Optional) See block 8. below
---------------------------------------------------------------------------------	--------------------------------------------------------------------------------

8. Preparation Information (Include complete instructions for document preparation)

Frequency of submission. Initial submission with the proposal.

Distribution. After the plan is approved by NASA, the Contracting Officer will retain the plan in the contract file. The Contractor will send additional copies to each of the following:

JSC Occupational Safety Branch (1 hard copy, 1 electronic copy)
JSC Occupational Health Officer (1 hard copy)
JSC Environmental Services Office (1 hard copy)
JSC Emergency Preparedness Office (1 hard copy)
JA Safety Manager (1 hard copy, 1 electronic copy)

Subsequent revisions to the plan. Review the plan annually or as directed by the CO. The plan shall be updated to meet the latest OSHA, JSC, and VPP requirements. Provide a copy of the updated plan with the changes highlighted to the distribution list above by April 1st of each contract year. If no changes are required after the annual review, notify the individuals in the distribution list in writing to that affect.

Other deliverables. The requirements for this plan as detailed in the instructions on plan content below include instructions for specific reports and data to be submitted to the Government. These instructions are to be included in the plan and represent contractual commitments by the Contractor to provide this information.

Format:

1. Cover page - to include as a minimum the signatures of Contractor's project manager and designated safety official; NASA COTR; JSC Occupational Safety Branch; JA Safety Manager; and the NASA Contracting Officer. Other signatures may be required at the discretion of the Government.
2. Table of Contents. See content below.
3. Body of plan - as required. Contractor's format is acceptable but should be aligned with the elements of the content below.
4. When preparing its plan, the Offeror/Contractor is expected to review all the items below and tailor its plan accordingly. The plan will clearly identify those resources to be provided by the Contractor and proposed resources to be provided by the Government. This review and supporting rationale is to be made available to the Government as part of this plan. It can be documented as a checklist or outline, inserted directly in the body of the plan, or in any format developed by the Contractor that clearly conveys the results of this review including the basis for any underlying assumptions.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

5. Authority: FAR 52.223-1 through -5, -10; NFS 18-23.70, 18-52.223-70, 18-52.223-73.

Content:

1. MANAGEMENT LEADERSHIP AND EMPLOYEE PARTICIPATION

- 1.1. Policy: Provide the Contractor's safety, health, and environmental compliance policy statement with the plan. Compare the Contractor's policy statement with those of NASA and OSHA and discuss any differences.
- 1.2. Goals and Objectives.
 - 1.2.1. Describe specific annual safety and health goals and objectives to be met. Discuss status of safety program using the "Performance Evaluation Profile" as safety performance criteria. Describe the Contractor's approach (including milestone schedule) to achieve and maintain level five of the Performance Evaluation Profile in all areas.
 - 1.2.2. Describe methods to be used, if any, to improve on the Lost Work Day Case (LWDC) frequency rate, the OSHA Recordable Case (ORC) frequency rate, and LWDC severity rate requirements in CLIN 1.8.1.
- 1.3. Management Leadership. Describe management's procedures for implementing its sustaining commitment to safety, health, and environmental compliance through visible management activities and initiatives including a commitment to exercise management prerogatives to ensure workplace safety and health. Describe processes and procedures to making this visible in all contract and subcontract activities and products. Include a statement from the project manager or designated safety official indicating that the plan will be implemented as approved and that the project manager will take personal responsibility for its implementation.
- 1.3.1. Employee Involvement. Describe procedures to promote, implement, and sustain employee (e.g., non-supervisory) involvement in safety, health, and environmental compliance program development, implementation and decision-making. Describe the scope and breadth of employee participation to be achieved so that approximate safety and health risk areas of the contract are equitably represented. Describe methods to be used to obtain employee buy in and address the behavioral aspects of safety.
- 1.4. Assignment of Responsibility. Describe line and staff responsibilities for safety and health program implementation. Identify any other personnel or organization that provides safety services or exercises any form of control or assurance in these areas. State the means of communication and interface concerning related issues used by line, staff, and others (such as documentation, concurrence requirements, committee structure, sharing of the work site with NASA and other contractors, or other special responsibilities and support). As a minimum, the Contractor will identify the following:
 - 1.4.1. Safety Representative - Identify by title the individual who will be trained and certified in accordance with JSC 1700.1 to be responsive to Center-wide safety, health, environmental, and fire protection concerns and goals, and who will participate in meetings and other activities related to the JSC Safety and Health program.
 - 1.4.2. Company Physician/Occupational Injury/illness case manager - identify a point of contact who is responsible for the transfer or receipt of company medical data and who will be the primary contact for the company in the event any employee suffers a work related injury or illness (such as the company physician) by name, address, and telephone number to the JSC Clinic, mail code SD22. This will facilitate communication of medical data to Contractor management. Prompt

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

notification to the JSC Occupational Health/ Clinic shall be given of any changes that occur in the identity of the point of contact.

- 1.4.3. Building Fire Wardens - provide a roster of fire wardens by April 1st of each contract year (their names, telephone numbers and pagers, and mail codes). Contractor fire wardens are needed to facilitate the JSC fire safety program, including coordination of related issues with NASA facility managers and emergency planning and response officials and their representatives. Fire wardens will be trained in accordance with JPG 1700.1.
- 1.4.4. Designated Safety Official - identify by title the official(s) responsible for implementation of this plan and all formal contacts with regulatory agencies and with NASA.
- 1.5. Provision of Authority. Describe consistency of the plan for compliance with applicable NASA and JSC requirements and contractual direction as well as applicable Federal, state, and local regulations and how compliance will be maintained throughout the life of the contract.
- 1.6. Accountability. Describe procedures for ensuring that management and employees will be held accountable for implementing their tasks in a safe, healthful, and environmentally compliant manner. The use of traditional and/or innovative personnel management methods (including discipline, motivational techniques, or any other technique that ensures accountability) will be referenced as a minimum and described as appropriate.
- 1.7. Program Evaluation. The program evaluation consists of:
 - 1.7.1. Participation in a Performance Evaluation Profile (PEP) survey at the request of the Government. The PEP survey will be scheduled and administered at the discretion of the Government.
 - 1.7.2. A written self-evaluation report to be delivered by Sept 30 of each year. The self-evaluation shall follow the VPP program evaluation report format found in OSHA TED 8.1, Revised Voluntary Protection Programs (VPP) Policies and Procedures Manual, Appendix H, "Format for Program Evaluation Report".
 - 1.7.3. Miscellaneous Reports. The Contractor will acknowledge the following as standing requests of the Government and to be handled as described below.
 - a. Material Safety Data. The Contractor shall prepare and/or deliver Material Safety Data for hazardous materials brought onto Government property or included in products delivered to the Government. This data is required by the Occupational Safety and Health Administration (OSHA) regulation, 29 CFR 1910.1200, "Hazard Communication", EPA "Emergency Planning and Community Right-to-Know (EPCRA, ref. 40 CFR 302, 311, 312); and the Texas Department of Health (TDH, ref. Chapters 505-507 of the Health and Safety Code), and Federal Standard 313 (or FED-STD-313), "Material Safety Data, Transportation Data and Disposal Data for Hazardous Materials Furnished to Government Activities", as revised. One copy of each MSDS will be sent upon receipt of the material for use on NASA property to the JSC Central Repository, Occupational Health and Test Support, Mail Code SD13, along with information on new or changed locations and/or quantities normally stored or used. If the MSDS arrives with the material and is needed for immediate use, the MSDS shall be delivered to the Central Repository by close of business of the next working day after it enters the site.
- 1.8. Government Access to Safety and Health Program Documentation. The Contractor shall recognize in its plan that it will be expected to make all safety, health, and environmental documentation (including relevant personnel records) available for inspection or audit at the Government's request. Electronic access by the Government to this data is preferred as long as Privacy Act requirements are met and Government safety and health professionals and their representatives have full and unimpeded access for review and audit purposes. For Contractor activities conducted on NASA property, the Contractor will identify what records it will make

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available to the Government in accordance with the Voluntary Protection Program criteria of OSHA as implemented in JPG 1700.1, "JSC Safety and Health Handbook", as revised. For the purpose of this plan, safety, health, and environmental compliance documentation includes but is not limited to logs, records, minutes, procedures, checklists, statistics, reports, analyses, notes, or other written or electronic document which contains in whole or in part any subject matter pertinent to safety, health, environmental protection, or emergency preparedness.

- 1.9. **Review and Modification of Safety Requirements.** The Contractor may be requested to participate in the review and modification of safety requirements that are to be implemented by the Government including any referenced documents therein. This review activity will be implemented at the direction of the NASA Contracting Officer's Technical Representative in accordance with established NASA directives and procedures.
- 1.10. **Procurement.** Identify procedures used to assure that procurements are reviewed for safety, health and environmental compliance considerations and that specifications contain appropriate safety criteria and instructions. Set forth authority and responsibility to assure that safety tasks are clearly stated in subcontracts.
- 1.11. **Certified Professional Resources.** Discuss your access to certified professional resources for safety, health, and environmental protection. Discuss their roles in motivation/awareness, worksite analysis, hazard prevention and control, and training.
2. **Worksite Analysis:** Contractor worksite hazards shall be systematically identified through a combination of surveys, analyses, and inspections of the workplace, investigations of mishaps and close calls, and the collection and trend analysis of safety and health data such as: records of occupational injuries and illnesses; findings and observations from preventive maintenance activities; reports on hazardous substance spills and inadvertent releases to the environment; facilities related incidents related to partial or full loss of systems functions; etc. Describe how hazards identified by any of the techniques identified below shall be ranked, processed, and mitigated in accordance with JPG 1700.1. All hazards on NASA property, which are immediately dangerous to life or health, shall be reported immediately to the Occupational Safety Office. All safety engineering products that address operations, equipment, etc., on NASA property will be subject to JSC SR&QA review and concurrence unless otherwise waived by the JSC Occupational Safety Office.
 - 2.1. **Industrial Hygiene.** Describe your industrial hygiene program and how it will be coordinated with the JSC Government provided resources for industrial hygiene. In the event corporate resources are used to determine workplace exposures, copies of all monitoring data shall be provided to JSC Occupational Health within 15 days of receipt of results.
 - 2.2. **Hazard Identification.** Describe the procedures and techniques to be utilized to compile an inventory of hazards associated with the work to be performed on this contract. This inventory of hazards shall address the work specified in this contract as well as operations and work environments in the vicinity or in close proximity to contract operations. The results will be reported to the Government in a manner suitable for inclusion in facilities baseline documentation as a permanent record of the facility. Specific techniques to be considered include:
 - 2.2.1. **Comprehensive Survey – A "wall to wall" engineering assessment of the contractor's worksite, which includes the Government furnished facilities and the immediate vicinity in which a work task will be performed. This assessment encompasses facilities, equipment, processes, and materials (including wastes – TNRCC/EPA solid and hazardous, radioactive, explosives, medical-infectious-biological).**
 - 2.2.2. **Change (Pre-use) Analysis – Typically addresses modifications in facilities, equipment, processes, and materials (including waste); and related procedures for operations and**

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maintenance. Change analyses periodically will be driven by new or modified regulatory and NASA requirements.

- 2.2.3. Hazard Analysis – may address facilities, systems/subsystems, operations, processes, materials (including waste), and specific tasks or jobs. Analyses and report formats will be in accordance with JSC 17773, "Preparing of Hazard Analyses for JSC Ground Operations."
 - 2.3. Inspections.
 - 2.3.1. Routine Inspections. Includes assignments, procedures, and frequency for regular inspection and evaluation of work areas for hazards and accountability for implementation of corrective measures. The Contractor will describe administrative requirements and procedures for control of and regularly scheduled inspections for fire and explosion hazards. The Contractor has the option, in lieu of this detail, to identify policies and procedures with the stipulation that the results (including findings) of inspections conducted on NASA property or involving Government furnished property will be documented in safety program evaluations or the monthly Accident/Incident Summary reports. Inspections will identify:
 - a. Discrepancies between observed conditions and current requirements, and
 - b. New (not previously identified) or modified hazards.
 - 2.3.2. Protective Equipment. Set forth procedures for obtaining, inspecting, and maintaining all appropriate protective equipment, as required, or reference written procedure pertaining to this subject. Set forth methods for keeping records of such inspections and maintenance programs.
 - 2.4. Employee Reports of Hazards – identification of methods to encourage employee reports of hazardous conditions (e.g., close calls) and analyze/abate hazards. The Contractor will describe steps it will take to create reprisal-free employee reporting with emphasis on management support for employees and describe methods to be used to incorporate employee insights into hazard abatement and motivation/awareness activities.
 - 2.5. Accident and Record Analysis.
 - 2.5.1. Mishap Investigation – identification of methods to assure the reporting and investigation of mishaps including corrective actions implemented to prevent recurrence. The Contractor will describe the methods to be used to report and investigate mishaps on NASA property and on Contractor or third party property. The Contractor will describe its procedures for implementing use of NASA forms as specified in JSC 1700.1 and alternate forms used by the Contractor with emphasis on timely notification of NASA; investigation procedures; exercise of jurisdiction over a mishap investigation involving NASA and other Contractor personnel; follow up of corrective actions; communication of lessons learned to NASA; and solutions to minimize duplications in reporting and documentation including use of alternate forms, etc. The Contractor will discuss its procedures for immediate notification requirements for fires, hazardous materials releases, and other emergencies. The Contractor will include appropriate details to address the use of NASA Form 1627, "Mishap Report" (or equivalent), including 24-hour and ten-day mishap reports to the JSC Occupational Safety Branch, mail code NT2. Note: the NASA Form 1627 is not attached since it is a three part carbonless form not conducive to reproduction. This form can be obtained from JSC's Printing Services.
 - 2.5.2. Trend Analysis – describe approach to performing trend analysis of data (occupational injuries and illnesses; facilities, systems, and equipment performance; maintenance findings; etc.). Discuss methods to identify and abate common causes indicated by trend analysis. In support of site-wide trend analysis to be performed by the Government, the Contractor will discuss method of providing data as follows:
- 3. Hazard Prevention and Control: Identified hazards must be eliminated or controlled. In the multiple employer environment of the center, it is required that hazards including discrepancies

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and corrective actions be collected in a Center wide information system (Hazard Abatement Tracking System (HATS) for risk management purposes. Describe your approach to implementing this requirement.

- 3.1. Appropriate Controls. Discuss approach to consideration and selection of controls. Discuss use of hazard reduction precedence sequence (see JPG 1700.1). Discuss approach to identifying and accepting any residual risk. Discuss implementation of controls including verifying effectiveness. Discuss scope of coverage (hazardous chemicals, equipment, discharges, waste, energies, etc.). Discuss need for coordination with safety, health, environmental services, and emergency authorities at NASA.
- 3.2. Hazardous Operations and Processes. Establish methods for notification of personnel when hazardous operations and processes are to be performed in their facilities or when hazardous conditions are found to exist during the course of this contract. JPG 1700.1 will serve as a guide for defining, classifying, and prioritizing hazardous operations; 29 CFR 1910.119 will be the guide for hazardous processes. Develop and maintain a list of hazardous operations and processes to be performed during the life of this contract. The list of hazardous operations and processes will be provided to JSC as part of the plan for review and approval. JSC and the Contractor will decide jointly which operations and processes are to be considered hazardous, with JSC as the final authority. Before hazardous operations or processes commence, the Contractor will develop a schedule to develop written procedures with particular emphasis on identifying the job safety steps required. NASA will have access on request to any Contractor data necessary to verify implementation. For all identified operations or processes that may have safety or health implications outside contract operations, the Contractor shall identify such circumstances to the JSC Occupational Safety Branch and Occupational Health and Test Support Office who will provide additional instructions for further NASA management review and approval.
- 3.3. Written Procedures. Identification of methods to assure that the relevant hazardous situations and proper controls are identified in documentation such as inspection procedures, test procedures, etc., and other related information. Describe methods to assure that written procedures are developed for all hazardous operations, including testing, maintenance, repairs, and handling of hazardous materials and hazardous waste. Procedures will be developed in a format suitable for use as safety documentation (such as a safety manual) and be readily available to personnel as required to correctly perform their duties.
- 3.4. Hazardous Operations Permits. Identify facilities, operations and/or tasks where hazardous operations permits will be required as specified in JPG 1700.1 such as confined space entry, hot work, etc. Set forth guidance to adhere to established NASA JSC procedures. Clearly, state the role of the safety group or function to control such permits.
- 3.5. Operations Involving Potential Asbestos Exposures. Set forth method by which compliance is assured with JSC Asbestos Control Program as established in JPG 1700.1, as revised, and JPG 8800.1, "Asbestos Control Manual," as revised.
- 3.6. Operations Involving Exposures to Toxic or Unhealthful Materials. Such operations must be evaluated by the JSC Occupational Health Office and must be properly controlled as advised by same. JSC Occupational Health Office must be notified prior to initiation of any new or modified operation potentially hazardous to health.
- 3.7. Environmental Operations & Activities – See Annex 9 and DRD AN-9-1
- 3.8. Baseline Documentation. Discuss the Contractor's responsibilities for maintaining facilities baseline documentation in accordance with JSC requirements. The Contractor will implement any facilities baseline documentation tasks (including safety engineering) as provided in the Contractor's plan approved by NASA or as required by Government direction.

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- 3.9. Preventive Maintenance. Discuss approach to preventive maintenance. Describe scope, frequency, and supporting rationale for your preventive maintenance program including facilities and/or equipment to be emphasized or de-emphasized. Discuss methods to promote awareness in the NASA community (such as alerts, safety flashes, etc.) when preventive maintenance reveals design or operational concerns in facilities and equipment (and related processes where applicable).
- 3.10. Medical (Occupational Healthcare) Program. Discuss the Contractor's medical surveillance program and injury /illness case management to evaluate personnel and workplace conditions to identify specific health issues and prevent degradation of personnel health as a result of occupational exposures. Discuss approach to Cardiopulmonary Resuscitation (CPR), first aid, and, return to work policies and the use of Government provided medical and emergency facilities for the initial treatment of occupational injuries/illnesses.
- 3.11. Hazard Correction and Tracking. Discuss your system for correcting and tracking safety, health, and environmental hazards with particular emphasis on integration with JSC's Hazard Abatement Process (See **HATS CD-ROM Version 1**). This includes the following:
- 3.11.1. Personnel Awareness of Hazards. Discuss your approach to communicate unsafe conditions and approved countermeasures to your employees. Discuss your approach to communicating such conditions to the Government and other contractors whose personnel may be exposed to such unsafe conditions. Discuss communications with facility managers. Discuss use of the NASA Lessons Learned Information System for both obtaining lessons from other sources and as a repository for lessons learned during performance of the contract.
- 3.11.2. Interim and Final Abatement Plans. Describe how you will approach interim and final abatement of hazards. Describe the role of your facility managers in abatement planning, implementation, and verification. Describe how you will provide data to the JSC Hazard Abatement Tracking System for all hazards within Contractor-occupied facilities that are not finally abated (all interim and final abatement actions completed) within 30 days of discovery. Discuss your approach to posting such plans using JSC Form 1240, "JSC Notice of Safety or Health and Action Plan", or equivalent. Discuss compatibility of your system with JSC's.
- 3.12. Disciplinary System. Describe your system for ensuring safety and health discipline in your personnel (including subcontractors). Describe your approach to modifying personnel behaviors when personnel are exhibiting discrepant safety and health performance.
- 3.13. Emergency Preparedness. Discuss approach to emergency preparedness and contingency planning which addresses fire, explosion, inclement weather, environmental spill /releases, etc. Discuss compliance with 29 CFR 1910.120 (HAZWOPER) and role in JSC Incident Command System (see JSC 1700.1 for details). Discuss methods to be used for notification of JSC emergency forces including emergency dispatcher, safety hotline, director's safety hotline, etc. Discuss establishment of pre-planning strategies through procedures, training, drills, etc. Discuss methods to verify emergency readiness.
4. **Safety and Health Training:** Describe the Contractor's training program including identification of responsibility for training employees to assure understanding of safe work practices, hazard recognition, and appropriate responses for protective and/or emergency countermeasures, including training to meet Federal, state, and local regulatory requirements. In doing so, the Contractor will factor parallel requirements found in other mandates such as environmental protection [example: 29 CFR 1910.38 for emergency action plans and fire prevention plans versus EPA Resource Conservation & Recovery Act (RCRA) and Emergency Planning and Community Right-to-Know (EPCRA).] Describe approach to identifying training needs including traceability to exercises such as job safety analyses, performance evaluation profiles, hazard analyses, mishap investigations, trend analyses, etc. Describe approach to training personnel in the proper use and care of protective equipment (PPE). Discuss tailoring of training towards specific audiences

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<http://www.srga.jsc.nasa.gov/hats/>.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

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(management, supervisors, and employees) and topics (safety orientation for new hires, specific training for certain tasks or operations). Discuss approach to ensure that training is retained and practiced. Discuss personnel certification programs. Certifications should include documentation that training requirements and physical conditions have been satisfied (examples include physical examination, testing, and on-the-job performance). Address utilization of JSC safety and health training resources (such as asbestos worker training/certification, hazard communication, confined space entry, lockout/tagout, etc.) as appropriate with particular emphasis on programs designed for the multiple employer work environment on NASA property. All training materials and training records will be provided to NASA, and other Federal, state, and local agencies for their review upon request. If the Contractor wishes to train their personnel in any regulatory mandated training, an agreement will be secured with JSC Occupational Safety Branch and Occupational Health and Test Support office prior to beginning training. The agreement will ensure that safety and health training resources available from NASA are utilized where appropriate.

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(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Roster of Terminated Employees	1/01 (replaces 5/00 version)	SA-1-2	RFP9-BJ32-T63-0-24P

4. Use (Define need for, intended use of, and/or anticipated results of data)
Identify personnel terminated by Contractor.

5. DRD Category: (check one) ☐ Technical ☐ Administrative ☒ SR&QA

6. References (Optional)

7. Interrelationships (e.g., with other DRDs) (Optional)

Comment [Insert19]:

8. Preparation Information (Include complete instructions for document preparation)

Scope: Send to the JSC Occupational Health Officer, no later than 30 days after the end of each contract year or at the end of the contract, whichever is applicable. At the Contractor's discretion, the report may be submitted for personnel changes during the previous year or cumulated for all years. Information required:

- (1) Date of report, Contractor identity and contract number.
- (2) For each person listed, provide name, social security number, and date of termination.
- (3) Name, address, and telephone number of Contractor representative to be contacted for questions or other information.

Frequency: Plan is due annually after start of contract for review and approval.

Distribution: One hard copy and one electronic copy to the JSC Occupational Health Officer.

Format: Contractor Determined.

Details: None

References: None

Maintenance: Annually updated.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Safety and Health Program Self Evaluation	01/01 (replaces 02/06/95 version)	SA-1-3	RFP9-BJ32-T63-0-24P

4. USE (Define need for, intended use of, and/or anticipated results of data)
Self evaluation of Contractor's safety and health program performance.

5. DRD Category: (check one) ☐ Technical ☐ Administrative ☒ SR&QA

6. References (Optional)
JPG 1700.1 (as revised)

7. Interrelationships (e.g., with other DRDs) (Optional)

8. Preparation Information (Include complete instructions for document preparation)

1. The Contractor shall conduct an annual self-evaluation of its safety and health program as required by its safety and health plan.
2. Information required:
 - a. The internal assessment of safety and health program effectiveness during the report period (i.e., the previous year) indicating the status of goals or objectives previously established and areas of strength and weakness in Contractor safety program performance.
 - b. Safety and health concerns and resolutions relating to JSC operations which may have been identified during the report period.
 - c. Unresolved safety and health concerns relating to JSC operations which the Contractor feels merit attention of JSC safety and health management.
 - d. The goals and objectives of the Contractor safety and health program for the next report period.
 - e. An analysis of the Contractor's performance in each of the 32 Voluntary Protection Program sub-elements as found in the Federal Register of July 24, 2000 (available at the following link):
http://www.osha-slc.gov/FedReg_osh_data/FED20000724A.html
3. Action plans shall be attached for identified problem areas. Action plans shall include schedule for periodic progress reports to the Government. Frequency of status reports shall be agreed to by the Government and the Contractor for each problem area.
4. Format to be as specified in OSHA TED 8.1, "Revised Voluntary Protection Programs (VPP) Policies and Procedures Manual", Appendix H (Program Evaluation Report), Attachment 2 (VPP Onsite Evaluation Format for Safety and Health Programs) for a STAR work site which is found at the following link:

http://www.osha-slc.gov/OshDoc/Directive_data/TED_8_1A.html
5. Report due September 30th of each year. One hard copy and one electronic copy to the JSC Occupational Safety Branch and one hard copy to the JSC Occupational Health Officer.

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(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Monthly Statistical Information	1/01 (replaces 5/00 version)	SA-1-4	RFP9-BJ32-T63-0-24P

4. Use (Define need for, intended use of, and/or anticipated results of data)
Report Monthly Loss Metrics

5. DRD Category: (check one) ☐ Technical ☐ Administrative ☒ SR&QA

6. References (Optional)

7. Interrelationships (e.g., with other DRDs) (Optional)

Comment [Insert20]:

8. Preparation Information (Include complete instructions for document preparation)

The Contractor shall prepare and deliver monthly statistical information as specified on JSC Form 288, "Statistical Information Contractor Safety and Health Program", as revised. Negative reports are also required monthly. Report due date is the 10th day of the month following each month reported. Report to be delivered to the JSC Safety, Reliability, and Quality Assurance Office through the Occupational Safety Branch by fax to 281-483-3801 or electronically as instructed by representatives of the Occupational Safety Branch.

Frequency: Monthly.

Distribution: One hard copy and one electronic disk to the JSC Occupational Safety Branch.

Format: Per the referenced form.

Details: None.

References: None

Maintenance: Monthly – due 10th of each month.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Hazardous Materials Inventory	1/01 (replaces 5/00 version)	SA-1-5	RFP9-BJ32-T63-0-24P

4. Use (Define need for, intended use of, and/or anticipated results of data)

The Contractor shall compile an inventory report of all hazardous materials it has located on Government property.

5. DRD Category: (check one) ☐ Technical ☐ Administrative ☒ SR&QA

Comment [Insert21]:

6. References (Optional)

7. Interrelationships (e.g., with other DRDs) (Optional)

8. Preparation Information (Include complete instructions for document preparation)

The Contractor shall compile an inventory report of all hazardous materials it has located on Government property not less than annually, and which is within the scope of 29 CFR 1910.1200, "Hazard Communication"; and Federal Standard 313 (or FED-STD-313), "Material Safety Data, Transportation Data and Disposal Data for Hazardous Materials Furnished to Government Activities", as revised. The call for this annual inventory and instructions for delivery will be issued by the JSC Occupational Health and Test Support Office, mail code SD13. This information shall use the format used by JSC for chemical inventory compilation to provide the following:

- The identity of the material (product no., chemical, manufacturer, and NSN as available);
- The location of the material by building, room and area/cabinet no.;
- The quantity of each material normally kept at each location (number of containers, container size, type container, unit of measure, conversion factor, storage temp & pressure, physical state/form, specific gravity, total pounds);
- Peak quantity stored
- Actual or estimated rate of annual usage of each chemical
- JSC MSDS number

Frequency: Plan is due annually, when requested by the JSC Occupational Health Officer, for review and approval.

Distribution: One hard copy and one electronic copy to the JSC Occupational Health Officer.

Format: Per the delivery instructions issued by the JSC Occupational Health and Test Support Office, mail code SD13.

Details: None.

References: None

Maintenance: Annually updated.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Log of Occupational Injuries and Illnesses	1/01 (replaces 5/00 version)	SA-1-6	RFP9-BJ32-T63-0-24P

4. Use (Define need for, intended use of, and/or anticipated results of data)
Annual summary of occupational injuries and illnesses.

5. DRD Category: (check one) ☐ Technical ☐ Administrative ☒ SR&QA

6. References (Optional)

7. Interrelationships (e.g., with other DRDs) (Optional)

Comment [Insert22]:

8. Preparation Information (Include complete instructions for document preparation)

For each establishment on and off NASA property that performs work on this Contract, the Contractor shall deliver to the Government a copy of its annual summary of occupational injuries and illnesses (or equivalent) as described in Title 29, Code of Federal Regulations, Subpart 1904.5. Copy of all summaries as required above under Contractor's cover letter. If Contractor is exempt by regulation from maintaining and publishing such logs, equivalent data in Contractor's format is acceptable (such as loss runs from insurance carrier) which contains the data required by JSC Form 288. Data shall be compiled and reported by calendar year and provided to the Government within 45 days after the end of the year to be reported (e.g. not later than February 15 of the year following.)

Frequency: Plan is due annually before February 15 of each calendar year for review and approval.

Distribution: Two hard copies to the JSC Occupational Safety Branch

Format: Per Title 29, Code of Federal Regulations, Subpart 1904.5

Details: None

References: None

Maintenance: Annually updated.

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(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Monthly Safety and Health Metrics	01/2001	SA-1-14	RFP9-J32-T63-0-24P

4. Use (Define need for, intended use of, and/or anticipated results of data)

Establishes selected Safety and Health Program metrics

***The Office of Primary Responsibility for this DRD is the JSC Safety, Reliability, and Quality Assurance Office

5. DRD Category: (check one) ☐ Technical ☐ Administrative ☒ SR&QA

6. References (Optional)

7. Interrelationships (e.g., with other DRDs) (Optional)
DRD SA-1-1

8. Preparation Information (Include complete instructions for document preparation)

Frequency of submission. Monthly by 10th of month following month being reported.

Distribution.

JSC Occupational Safety Branch (2 electronic copies)

JSC Occupational Health Officer (1 electronic copy)

Contracting Officer's Technical Representative (COTR) (1 electronic copy)

JA Safety Manager (1 electronic copy)

Format: Excel spreadsheet or in tables compatible with MS Word.

Definitions. Refer to JPG 1700.1 and OSHA requirements for definitions of terms below.

Content.

I. Management Commitment and Employee Involvement.

Date of Management Safety Committee Meeting		Type/Title of Meeting	No. of Managers attending		No. of Supervisors attending		No. of Non-Supervisory personnel attending	
This month	Year to date		This month	Year to date	This month	Year to date	This month	Year to date

Include copies of minutes

No. of Employee Safety Meeting		Type/Title of Meeting	No. of Employees attending		No. of Managers/Supervisors attending	
This month	Year to date		This month	Year to date	This month	Year to date

Include copies of minutes

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

II. Worksite Analysis. Refer to JPG 1700.1 for definitions of terms.

Division	No. of Hazard Analyses				No. of Job Safety Analyses				No. of Routine Inspections			
	Required		Performed		Required		Performed		Required		Performed	
	This month	Year to Date	This month	Year to Date	This month	Year to Date	This month	Year to Date	This month	Year to Date	This month	Year to Date
Total												

III. Hazard Prevention and Control - hazards below were found during routine and special inspections, close calls, mishap investigations, etc., and require correction.

No. of Hazards found			No. of Hazards closed <30 days			No. of Hazards open <30 days	No. of Hazards open >30 days			No. of Hazards closed >30 days			No. of JF1240s in place
Prior to month	This month	Year to date	Prior to month	This month	Year to date		Prior to month	This month	Year to date	Prior to month	This month	Year to date	

Attach copies (electronic acceptable if sent by e-mail) of JF 1240's including monthly updates. Mark JF 1240's where abatement has been completed as closed.

IV. Safety and Health Training - List courses specific to safety and health (such as Hazard Communication, Confined Space entry, HAZWOPER, system safety, job safety analysis, etc.) Do not include job proficiency course work where safety is an issue (such as radiography, welding, painting, etc.)

Course Title	No. to be Trained	No. Trained	On Schedule

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(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Safety and Health Lessons Learned	01/2001	SA-1-15	RFP9-J32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) Obtains Lessons Learned from Contractor for possible publication in NASA Lessons Learned Information System (LLIS) ***The Office of Primary Responsibility for this DRD is the JSC Safety, Reliability, and Quality Assurance Office			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input type="checkbox"/> Administrative <input checked="" type="checkbox"/> SR&QA			
6. References (Optional)		7. Interrelationships (e.g., with other DRDs) (Optional) DRD SA-1-1, paragraphs 2.5.1 and 3.11.2	
8. Preparation Information (Include complete instructions for document preparation)			

Criteria for Selecting Lessons Learned. Uncommon insight arising from any event or observation that will benefit from sharing with a larger community of interested parties. Lessons learned are intended to prevent recurrence of undesirable events and to allow NASA and its team members to capitalize to the greatest extent practical on unique successes.

Frequency of submission. 30 days after triggering event or 30 days after mishap investigation or hazard analysis/evaluation is completed.

Distribution.

JSC Occupational Safety Branch (1 electronic copy including photographs, drawings, etc., in web-ready format such as HTML or JPG)

Contracting Officer's Technical Representative (COTR) (1 electronic copy)

JA Safety Manager (1 electronic copy)

Content:

Subject - one line subject of the lesson.

Lesson Learned - usually one sentence that describes insight gained.

Description of Event - narrative of what happened.

Recommendations - may be an action plan, suggestion, etc., that was adopted at event source.

Supporting documentation - as needed to give clear picture of lesson (photographs, illustrations, drawings, etc.).

Contact name and e-mail address (for follow up by Government prior to publication of lesson).

Definitions. Refer to NASA LLIS at <http://llis.gsfc.nasa.gov/> for definitions of terms used.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Y2K-HVAC and Lighting Baseline Status Report	5-31-01	AN-1-1	RFP9-BJ32-T63-0-24P

4. Use (Define need for intended use of, and/or anticipated results of data)
The use of this report will be to provide a HVAC listing of equipment that provides approved run times which are used to develop Night Load Reduction for *JSC. Its secondary use will be to provide energy usage data on approved changes to baseline operations.

5. DRD Category: (check one) ☒ Technical ☐ Administrative ☐ SR&QA

6. References (Optional)
** HVAC Equipment Operational Status Report

7. Interrelationships (e.g., with other DRDs) (Optional)
DRD AN-1-3

8. Preparation Information (Include complete instructions for document preparation)

Comment [Insert23]:

Scope: The purpose of this report is to provide equipment listings on all HVAC and lighting systems and their approved run times. The listing will be used to develop Night Load Reduction for the *JSC for after-hours and weekends. It also will be used to determine the amount of energy and cost associated with operational and/or limit changes to the established baseline.

Frequency: Plan is submitted on a monthly basis. It shall be made electronically available by placement on the LAN.

Distribution: Electronically. One hard copy to the JSC Energy Conservation Manager.

Format: See example in the TRL, **Y2K-HVAC Equipment and Lighting Baseline Status Report

Details: There are two formats in the TRL. The old one is labeled ** HVAC Equipment Operational Status Report. The new report must be in written in the format as exemplified in the ** Y2K-HVAC and Lighting Baseline Status Report and must be inclusive of all HVAC equipment in buildings listed in the old format including EF and SCTF. The report shall contain the following information:

Section I: HVAC System Facility Equipment

A listing of all HVAC equipment housed in each facility at *JSC and their respective operational ratings will be required in the initial submission of the report.

Section II: Equipment Operational Status

A listing of all HVAC equipment and their respective operational hours, seasonal temperature settings and seasonal operational status will be required in the initial submission of the report.

Section III: Lighting Panels

A listing of all EMCS controlled Lighting Panels and their respective operational hours, panels KW, and breakers KW will be required in the initial submission of the report.

Section IV: Energy Impact Status

It will be the Contractor's responsibility to develop formulation that automatically calculates energy usage due to changes in operational status of the HVAC equipment or lighting systems. Those changes will be documented by Operational Change Orders (OCO), and Limit Change Orders (LCO) and through the Energy Exceptions Log (EEL). The energy can be a negative or a positive value and shall be reported as follows:

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1. Energy +/- due to OCOs on HVAC equipment.
2. Energy +/- due to OCOs on Lighting Panels.
3. Energy +/- due to LCOs on HVAC equipment.
4. Energy +/- due to extended HVAC operations. (EEL)
5. Energy +/- due to extended Lighting operations. (EEL)

The individual amounts will be totaled to reflect monthly net usage over baseline operations.

References: AN-1-3

Maintenance: Report is to be updated as required per Section 3.6 of DRD- AN-1-3.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title Quality Control Plan	2. Current Version Date Per RFP	3. DRL Line AN-1-2	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) Establishes management techniques and documentation that assures full compliance with contract requirements.			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input checked="" type="checkbox"/> SR&QA			
6. References (Optional) Sec. J, Attachment F; FAR 52.246-4		7. Interrelationships - All performance requirements, checks, tasks, system verification, and management	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert24]:

Comment [Insert25]:

Comment [Insert26]:

Scope: The Quality Control Plan shall be in accordance with FAR 52.246-4, and CLIN 1.6.2. The Quality Control Plan is to be submitted with the Contractor's proposal. The plan will be approved by the CO concurrent with Contract award.

Format: The quality control plan format shall match the elements of the ANSI/ISO/ASQC Q9001 – 2000 standard.

Contents: The quality control plan shall address each element of the ANSI/ISO/ASQC Q9001 – 2000 standard and the additional requirements identified below.

Maintenance: All changes and updates to plan shall be submitted in accordance with CLIN 1.6.2.

Distribution: Provide 20 copies of Quality Control Plan with submission of proposal, 20 updated copies to CO 15 days prior to contract start, and 5 final copies within 15 days of any approved change or plan updates.

Additional Requirements

Identify the methods, procedures, and controls you will use to ensure the quality, quantity, and timeliness of the required contract requirements. Explain how you will monitor, measure, and analyze each. Provide evidence that you have the resources necessary to support the operation and monitoring of these methods, procedures, and controls.

Describe how you will provide continual electronic access to all QC process documentation, such as, but not limited to, work methods, standard operating procedures, quality manual, and corrective action tracking system.

Explain how you will monitor, measure, and control the quality of products produced by the Contractor and Subcontractor. Explain how you will ensure that products, which do not conform to product requirements, are identified and controlled to prevent their unintended use or delivery.

Explain how you will monitor and measure any cross-utilization of personnel to assure that contract products and services will not be negatively affected. Describe your techniques, procedures, and mechanisms to ensure quality output despite schedule and/or priority pressures. Describe mechanisms for the identification of substandard output due to schedule and/or priority pressures.

Describe in detail how you will identify, correct, and prevent quality control problems with contract deliverables, without government notification or intervention.

Describe in detail the responsibilities of individual employees, supervisors, and management for ensuring quality output. Identify your Quality Control Manager, designated alternate, their responsibilities, and their authority for the overall management of the program.

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Provide documented information of how personnel performing work affecting product quality are competent as a result of appropriate education, training, skills, and experience. In addition, explain the QC system you will use to monitor and maintain this level of personnel competency required during the duration of the contract.

Describe the tool, or tools, you will use to effectively measure customer satisfaction for all areas of the contract requirements. In addition, explain how your tool(s) will capture customer satisfaction metrics across all annexes given the unique contract requirements across each.

Explain how your organization will manage the interfaces between different groups involved in design and development to ensure effective communication and clear assignment of responsibility.

Explain how you will establish and implement the inspection or other activities necessary for ensuring that purchased product meets specified purchase requirements and how these activities will enable you to segregate cost reimbursable supplies and services. Further explain how cost will be segregated and accounted for relative to reimbursable supplies and services.

Describe your responsibilities and requirements for planning and conducting audits (internal and external), and for reporting results and maintaining records. Provide a schedule, including subjects, of your internal audits for year 1 of the contract. Audits shall specifically address the "High Visibility" areas identified in the QC Program requirements.

Show how nonconformities and any subsequent actions taken, including concessions obtained, shall be identified, recorded, maintained, and subsequent action will be taken to minimize.

Provide and explain your schedule, including milestones, outlining your plan on accomplishing ANSI/ISO 9001 – 2001 certification within one year of the contract award date.

Describe how your QC Plan will effectively support and address all the elements of ANSI/ISO/ASQ Q9001 – 2000.

Explain how you will continually improve the effectiveness of the quality control program through the use of your quality system, quality policy, quality objectives, audit results, analysis of data, corrective and preventive actions and management review.

Explain how you will incorporate corrective actions identified by the Government into your corrective action system.

Describe in detail your company's bonus or incentive program, if used, and discuss methods for implementing if on this contract.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
JSC's Energy and Water Conservation and Management Plan	12-19-00	AN-1-3	

4. Use (Define need for, intended use of, and/or anticipated results of data)
The Contractor shall develop and implement a 5-year Energy Efficiency and Water Conservation Management Plan that applies to *JSC for the purpose of providing awareness, energy efficiency and water conservation, and operational and management controls on energy consuming systems.

5. DRD Category: (check one) ☒ Technical ☐ Administrative ☐ SR&QA

6. References (Optional)
See below.

7. Interrelationships (e.g., with other DRDs) (Optional)

8. Preparation Information (Include complete instructions for document preparation)

Comment [Insert27]:

Scope: This plan is to provide the Contractor's methods, processes and management responsibilities for developing energy and water conservation procedures and operational and management measures at *JSC. The plan will provide the means the Contractor will employ to control, manage, accomplish and update those procedures and measures.

Frequency: Plan is due 60 days after contract start for review and approval by the CO. Yearly updates are required thereafter prior to the anniversary date of the contract.

References:

- National Energy Conservation Policy Act (PL 95-619, 92 Stat. 3206, USC 8252 et seq.)
- Energy Policy Act of 1992 (EPACT) (Public Law 102-486, 106 Stat, 2776)
- 10 CFR 435 and 436, Chapter 11 of Title 10, Code of Federal Regulations
- EO 13123, Greening the Government Through Efficient Energy Management
- NPD 8820.1, Design and Construction of Facilities
- NPD 8831.1B, Management of Facilities Maintenance
- NPG 8570.X, Energy Efficiency and Water Conservation Technologies and Practices
- NPG 8831.2C, NASA Facilities Maintenance Management
- J69W-03, Energy Conservation
- www.eren.doe.gov/femp/procurement

Distribution: One electronic disk to the CO; one hard copy and one electronic copy to the JSC Energy Conservation Manager.

Format: Microsoft Window product, i.e. Excel, Word, or MS Project.

Details: The following represents the plan's general requirements and acceptable format.

JSC's Energy Efficiency and Water Conservation Management Plan

- 1.0 Introduction: In support and promotion of NASA's Strategic Plan, it is the responsibility of JSC to improve its energy efficiency and water conservation practices without impacting safety or mission support. Federal legislation has established Federal Energy Resource Management goals at *JSC. These goals are presented in EO 13123 and include an overall 35 percent reduction in energy consumption by FY2010 as measured from the base year of FY1985 for Non-Mission Variable and Mission Variable Buildings, and an overall 25 percent reduction for Energy Intensive Facilities by FY2010 as measured from the base year of FY1990.
- 2.0 Objective: In order to comply with Federal legislation, JSC must establish a 5-year Energy Efficiency and Water Conservation Management Plan. To support this requirement, the COSS Contractor shall develop a plan that applies to the Contractor's organization and incorporates

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***JSC Civil Servant and Contractor Organizations.** The primary objectives of this plan shall be to minimize energy and water consumption without impacting safety or Mission operations while making Center personnel aware of the importance of limiting energy and water use to the minimum requirements.

- 3.0 Scope of Work: The Plan shall be in accordance with listed referenced Federal legislation and NASA/JSC directives. The plan shall incorporate all required elements of the referenced material and integrate those elements into COSS contract functions such as engineering, transportation, supplies, procurement, and operations and maintenance. The plan shall include a detailed 5-year implementation schedule that corresponds with the frequency requested. The plan shall include but is not limited to the following elements:
- 3.1 Contractor Energy Manager: The Contractor shall appoint a key individual to serve as a focal point for all energy matters and to manage and monitor energy and water consumption and conservation. In his plan the Contractor shall provide a narrative on the function and responsibilities of the Energy Manager. The narrative shall outline his constituent and technical responsibilities and provide details on the methodology that will be used to carry them out.
- 3.2 Program Management: The Contractor shall describe in detail the method used to provide the oversight in the development and implementation of a 5-year energy efficiency and water conservation management plan. The plan shall address the items listed in ****NPG 8570.X** Chapter 3, Section 3.1 and discuss the methodology that will be used to promote and manage these functions. The Contractor shall further include management controls on the elements of design compliance, Green Star Procurement, energy and water conservation awareness, metering, HVAC and Lighting operations, utility system operations, HVAC seasonal adjustments, hot/cold call procedures, KVA demand, and water conservation. The plan must also address contract quality control measures that will be incorporated to ensure program management is proactive, responsive and objectives are obtained and the methodology used to develop metrics to ensure elements of the plan are met.
- 3.3 Center Wide Employee Awareness: The Contractor shall establish and promote an energy and water awareness program among Federal and Contractor personnel. The program shall describe in detail the methodology to increase Center awareness of Energy and Water Conservation. Awareness shall be a primary factor and shall be designed to create a general cognizance of the daily conservation measures that Federal and Contractor employees must take in order to meet mandated goals.
- 3.4 Utility Metering Program: The Contractor shall describe in detail how the existing metering at ***JSC** will be used to control and evaluate through metrics the Energy and Water Conservation Program. Additional details shall be provided that describe additional metering that is necessary to facilitate total accountability of utility usage along with recommended cost of implementation and proposed maintenance requirements. (See Section 3.7 of this DRD for Metrics)
- 3.5 Existing Metering at JSC, Ellington Field, and Sonny Carter Training Facility: Existing metering shall be used by the Contractor to acquire data on utilities supplied or consumed by major utility systems and buildings at JSC, EF and SCTF. The data collected is used to complete the Monthly Utility Report (MUR) and the Quarterly Energy Report (QER). Following is a list of required data that is, or shall be remotely sensed and recorded by the EMCS for incorporation into the Utility Metering Program. If remote sensing by the EMCS does not exist, the meters are to be read locally to obtain daily and monthly totals for MUR reporting purposes until EMCS installation.

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- 3.5.1.1 B#221, The 138 KV Electrical Substation for JSC: Data is to be remotely recorded by the EMCS at intervals of every 5 minutes and averaged for hourly use. Daily and monthly totals will be required for the MUR. The PHD of the EMCS shall historize the 5-minute acquisitions and hourly totals for trending purposes
- a. kWh on feeder JSC-1-615.
 - b. KVA on feeder JSC -1-615.
 - c. kWh on feeders 1-2, 2-2, 3-00, 4-2 and 5-2.
 - d. kWh on feeders 1-5, 1-6, 1-7, 1-8, 1-10 and 1-12.
 - e. kWh on feeders 2-2, 2-6, 2-7, 2-8, 2-11 and 2-12.
 - f. kWh on feeders 3-1, 3-2, 3-3 and 3-1.
 - g. kWh on feeders 4-4, 4-5, 4-12 and 4-13.
 - h. kWh on feeders 5-4, 5-5, 5-6, 5-9, 5-20 and 5-12.
- 3.5.1.2 B#340, The Gas Metering Station for JSC: Data is to be remotely recorded by the EMCS at intervals of every 10 minutes and totalized for hourly, daily and monthly use. Daily and monthly totals will be required for the MUR. The PHD of the EMCS shall historize the 10-minute acquisitions and hourly totals for trending purposes
- a. SCF of natural gas
- 3.5.1.3 B#24-the CHCP, B#47, B#222, B#227, B#260, B#350, B#416 and B#420: Data is to be remotely recorded by the EMCS only for usage at B#24 at intervals of every 10 minutes and totalized for hourly and monthly usage. Daily and monthly totals for all buildings will be required for the MUR. The PHD of the EMCS shall historize the 10-minute acquisitions and hourly totals for trending purposes
- a. SCF of natural gas
- * B#24 has two gas meters outside and inside the plant.
- 3.5.1.4 Potable and Waste Water System: Data is to be manually recorded to reflect daily and monthly totals.
- a. Gals of water on R'well, CL-322 (mech and electronic totalizers).
 - b. Gals of water on E. header to JSC (mech. and electronic totalizers).
 - c. Gals of chilled water make-up B#24.
 - d. Gals of cooling tower make-up B#24.
 - e. Gals of cooling tower make-up B#28.
 - f. Gals of potable water B#8N.
 - g. Gals of portable water B#8S.
 - h. Gals of water discharge, B#358
 - i. Gals of sewage to CLWA.
- 3.5.1.5 Weather Station B#24: Db, Wb and Solar Index shall be remotely recorded at 10 minute intervals and averaged for hourly values. Daily averages are to be used for the MUR with notations of high and lows for the day. The PHD of the EMCS shall historize acquisitions and hourly totals for trending purposes
- a. Dry bulb temperature.
 - b. Wet bulb temperature.
 - c. Solar index.
- 3.5.1.6 Steam Boilers B#24: Data is to be remotely recorded by the EMCS at intervals of every 15 minutes and totalized for hourly, daily and monthly use. Daily and monthly totals will be required

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for the MUR. The PHD of the EMCS shall historize acquisitions and hourly totals for trending purposes.

- a. Run time on natural gas for each boiler, hours per day.
- b. Run time on fuel oil, hours per day.
- c. SCF of natural gas used per boiler. *
- d. Gallons of fuel oil used per boiler.
- e. Stack temperature per boiler. *
- f. Lbs. of steam produced per boiler for natural gas. *
- g. Lbs. of steam produced per boiler for fuel oil.
- h. Steam pressure and temperature per boiler. *
- i. O2 readings per boiler.
- j. Gallons of condensate return used.
- k. Gallons of make-up feed-water used.
- l. Water quality readings.

* These are the only points required for the remote readings at 15-minute intervals. The balance of points shall be manually recorded for total daily and monthly usage.

3.5.1.7 Electric drive chillers, B# 24, B# 28, B# 48: Data is to be remotely recorded by the EMCS at intervals of every 10 minutes and totalized for hourly, daily and monthly use. Daily and monthly totals will be required for the MUR. Acquisitions and hourly totals shall be historized by the PHD of the EMCS for trending purposes. Data on temperatures and pressures shall be averaged to obtain the hourly value. There will be no monthly total for temperature and pressure points.

- a. Run time for each chiller, hours per day.
- b. KWH used per chiller.
- c. Chilled water temperature leaving.
- d. Chilled water temperature entering.
- e. Chilled water pressure leaving.
- f. Chilled water pressure entering.
- g. Condenser water temperature and pressure leaving.
- h. Condenser water temperature and pressure entering.
- i. Chilled water flow in gpm per chiller.
- j. Condenser water flow in gpm per chiller.
- k. KWH per chilled water pump.
- l. KWH per condenser water pump.
- m. KWH per cooling tower fan.

3.5.1.8 Steam drive chillers, B# 24: Since the steam drive chillers are only run 1 hour per week, only daily and monthly totals are required.

- a. Run time for each chiller, hours per day.
- b. # of steam per chiller.
- c. Chilled water temperature, leaving.
- d. Chilled water temperature, entering.
- e. Chilled water pressure, leaving.
- f. Chilled water pressure, entering.
- g. Condenser water temperature and pressure leaving.
- h. Condenser water temperature and pressure entering.
- i. Chilled water flow in gpm per chiller.
- j. Condenser water flow in gpm per chiller.
- k. KWH per chilled water pump.
- l. KWH per condenser water pump.
- m. KWH per cooling tower fan.

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3.5.1.9 Diesel Generators B# 48: Data for KWH production is to be remotely recorded by the EMCS at intervals of every 10 minutes and totaled for hourly, daily and monthly use. The balance of points shall be manually recorded for total daily and monthly usage.

- a. Run time for each generator, hours per day.
- b. Gals of fuel oil used by each generator.
- c. KWH produced by each generator.

3.5.1.10 Center Facilities: Data is to be remotely recorded by the EMCS at intervals of every 5 minutes and averaged for hourly use. Daily and monthly totals will be required for the MUR. The PHD of the EMCS shall historize the 5-minute acquisitions and hourly totals for trending purposes

- A. Mission Variable Facilities: B#s 5, 5S, 30A, 30M, 30S, and 35 and 48.
- B. Non-Mission Variable Buildings. B#s 1, 2, 3, 4N, 4S, 9, 9A, 9B, 9C, 10, 11, 12, 13, 14, 15, 17, 24, 28, 29, 33, 36, 44, 45, 110, 207, 225, 226, 227, 229, 241, 322, 325, 327, 329, 330, 342, 343, 383, 420, 421, 422 and 423
- C. Energy Intensive Facilities: B#s 7, 7A, 8, 16, 16a, 31, 32, 32A, 37, 46, 49, SCTF, 222, 260, and 350 area (TTA).
 - a. KWH on total building usage
 - b. GPM of chilled water usage blended system.
 - c. Delta T on chilled water usage blended system.
 - d. GPM of chilled water usage un-blended system.
 - e. Delta T on chilled water usage un-blended system.
 - f. Lbs. of steam usage.
 - g. SCF of natural gas usage on B#s 222, 225, 226, 227, 229, 260, 322, 325, 329, 350, 420, 421, 422 and 423, daily cumulative.

* Note that the KWh and chilled water usage totals for B#s 30M and 30S are those quantities delivered from B#221 and B#24/#28 respectively. Metering is required so data can be recorded when B#48 is servicing the MCC. The plan shall indicate how data will be obtained to satisfy this requirement during B#48 operations.

** B#s 222, 260 and 350 area have no chilled water or steam usage delivered from B#24/#28. The KWh readings on these buildings may be taken on a daily cumulative basis.

*** Note that B#s 110, 207, 225, 226, 227, 229, 241, 322, 327, 330, 342, 343, 383, 420, 421 and 422 have no chilled water or steam usage from B#24/#28. The KWh readings on these buildings may be taken on a daily cumulative basis.

**** Note that the KWh readings on B# 24 and B# 28 should not include the electric chiller readings.

3.5.1.11 Ellington Field Electrical, Natural Gas, Potable Water and Fire Water: Daily and monthly totals will be required until a local EMCS system is installed.

- a. KWH on E135-205, E140-465, E245-123, E380-545 and E 990-642.
- b. SCF on E135-490, E266-377, E276-197, E380-221 and E990-984.
- c. Gals. of potable water on E135-346, E276-201, E380-520 and E990-796.
- d. Gals. of firewater on E247-090 and E 248-092.

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- 3.5.1.12 Sonny Carter Training Facility, Electrical, Natural Gas and Potable Water: Daily and monthly totals will be required until a local EMCS system is installed.
- KWH for the facility.
 - SCF of natural gas for the facility.
 - Gallons of potable water for the facility.
- 3.5.2 Acquisition Reliability: The Contractor shall describe the method employed to insure reliability of the data recorded.
- 3.5.3 Training: The Contractor shall include in the plan a program that provides training of personnel who will be responsible for data acquisition either manually or remotely, certification of the meters and performance of appropriate PMs as part of its quality assurance program,
- 3.6 Facility HVAC Operational and Lighting Controls: HVAC and Lighting baselines have been established for all Mall buildings served by the Utility Tunnel System. These are labeled as ****Y2K-HVAC Equipment and Lighting Baseline Status Reports**. It is the intent of the Federal Government to replace the current ****HVAC Operations Status Report** with these documents. The documents contain a listing of all HVAC equipment in buildings, their respective operational capacities and the corresponding hours of operation. Temperature settings for seasonal operations are noted, as is the On/Off status. Lighting panels are also identified with corresponding operational hours and KW ratings. The Contractor shall perform the following:
- Update the existing Y2K-HVAC Baseline Status Reports (BSR) for all Mall buildings. This will include equipment capacities, locations, set points, interlocks, and etc. that are not entered into the current database.
 - Update equipment listings and capacities on the Y2K HVAC BSR due to equipment replacements or deletions on existing facilities.
 - Re-format the existing HVAC Status Report for buildings that have not been included in the initial Y2K Baselines.

In order to maintain the Y2K HVAC BSR, the Contractor shall develop controls that provide an orderly management of operational hours or operational limits changes on HVAC equipment and lighting at ***JSC**. The controls shall include a formal procedure that approves requested operational requirements of new or deactivated HVAC or lighting systems, provides justification for those requested requirements on an annual basis, and updates the Y2K HVAC BSR on a monthly basis. The control shall be established through the issuance of Operational Change Orders (OCO) that will be used to update the Y2K HVAC BSR. Currently a Change Request Notification (CRN) process is loosely defined at ***JSC** and a formalized program is necessary to establish accurate and timely operational requirements that frequently change due to the Center's dynamics. As a minimum and using the document in the TRL labeled **** Facility HVAC and Lighting Operational Baseline Development and Change Notification Process**, the controls shall establish a work instruction that at a minimum accomplishes the following:

- Establishes a centralized operations base that serves as a focal point to receive submissions of OCOs/LCOs.
- Establishes OCO forms to modify existing operational parameters and account for energy usage changes on HVAC equipment and lighting systems.
- Establishes a system for submission and approval of the OCO/LCO forms.
- Establishes a method of justification for OCOs/LCOs that deviate from established JSC Work Instruction for energy conservation guidelines.
- Establishes a method to activate new or deactivate old HVAC equipment. OCOs must be submitted for activating new HVAC equipment and deactivated equipment.
- Establishes a method to maintain and update HVAC Equipment and Lighting Baseline Status Report.

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- g. Establishes a method of providing temporary HVAC service for operational changes that are required for less than 72 hours.
 - h. Establishes a method that provides the amount of energy saved or used by HVAC or lighting operational changes.
- 3.7 Utility Operations Management Controls: Utility Management controls shall be an integral part of operating primary energy consuming systems at the Center. Utility service shall be provided without waste to support the mission and test objectives of the Center while operating efficiently and economically.
- 3.7.1 Using the guidelines presented in ****NPG 8831.2C** Chapter 8, "Utilities Management", the Contractor shall provide in detail Utility Operational Management Control Plans for the following utility systems:
 - a. Utility Operation Management Plan for the Central Plant Steam Boilers and Distribution System:
 - #s steam/scf of natural gas
 - B#24 steam produced = # steam used by mall buildings
 - B#350 #s of steam/scf of natural gas
 - B#222 #s of steam/scf of natural gas
 - B#260 #s of steam/scf of natural gas
 - b. Utility Operations Management Plan for the Central Plants B#24/B#28 Chillers and Chilled Water Distribution System:
 - Chiller KWH/tn of refrigerant
 - Condenser water pump KWH/gpm
 - Chiller distribution pumps KWH/gpm
 - Cooling tower fan KWh/BTU
 - Chiller delta T
 - c. Utility Operations Management Plan for the Electrical Substation and Distribution System:
 - Demand Factor - 0.7 to 0.8 for each transformer.
 - Load Factor - 0.65 to 0.75 for each transformer.
 - Transformer Loss - 2 to 2.5 times the peak demand for each transformer.
 - Voltage Regulation - plus or minus 5 percent for each transformer.
 - Power Factor - plus 0.95 to minus 0.85 for each transformer.
 - d. Utilities Management Plan for the B#48 Chillers and Chilled Water Distribution System:
 - Chiller KWH/tn of refrigerant
 - Condenser KWH/gpm
 - Chiller distribution pumps KWH/gpm
 - Cooling tower fan KWh/BTU
 - Chiller delta T
 - Generator KWH/gal of fuel oil.
 - Gal of fuel oil/tn of refrigerant.
 - e. Utilities Operation Management Plan for Central Plants B#24/B#28 Air Compressors and Distribution System:

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- KWh/scf
 - f. Utility Operations Management Plan for the Center's Potable Water System:
 - Pump KWh/gpm of delivered water
 - g. Utility Operations Management Plan for the Center Sanitary Sewage System:
 - Pump KWh/gmp of SS
 - h. Utility Operations Management Plan for the Natural Gas Distribution System:
 - Total amount of natural gas delivered to site = natural gas used on site.
 - i. Facility Operation Management Plan: The primary objective will be to improve the efficiency of facility HVAC equipment and to reduce overall facility utility consumption.
 - Delta T of the building
 - BTU/GSF of the building.
 - j. Utility Operations Management Plans for EF and SCTF:
 - Use metrics stated above for chillers, cooling towers, boilers and facilities.
- 3.7.2 Minimum Contents for each system and components of a system: For examples refer to the TRL for the documents labeled **** NASA Goddard Space Flight Center, Building 24 Chiller Plant, Volume 2.**
- 3.7.2.1 Maintenance Guide: The guide is to provide O&M personnel with a summary for RCM, PM, PT&I and Running Maintenance for a utility system and its components. It does not duplicate the PM information in Annex 4.0
 - 3.7.2.2 Operating Procedure: The purpose is to provide operations personnel with a standard operating procedure for each system.
 - 3.7.2.3 System Description: The purpose is to provide operations personnel with a system overview and to describe the functions of the systems major components and subsystems.
- 3.7.3 Metrics: The Contractor shall use the defined efficiency goals or standards for each listed utility system. Metrics shall be used to track energy or water use against productive output, facility utilization, or physical characteristics to measure progress toward the defined goals. Metrics will be formally reported on a monthly basis via the MUR.
- 3.7.4 Energy Audit Checklists: Using Appendix C in ****NPG 8570.X**, the Contractor shall develop an energy audit checklist that will be used by the energy manager to inspect and identify the energy efficiency, safety and environmental soundness of the Center's utility systems. For each item on the list, the Contractor shall specify the method used for implementation, an implementation schedule and the frequency the item requires audit. Monthly reports to the JSC Energy Manager will be required that provide a summary of monthly activities and their respective results. The Contractor shall supplement the checklist and reports by the use of Appendix D of ****NPG 8570.X**.
- 3.7.5 Operations and Maintenance Checklists: Using Appendix F in ****NPG 8570.X**, the Contractor shall develop a list of no and low cost energy savings opportunities (ESO). The list shall identify

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

the ESO, the amount of requested funding, if any, and an implementation schedule for the ESOs identified.

- 3.8 HVAC System Seasonal Adjustment Controls: HVAC System Adjustment Controls are intended to reduce energy consumption in accordance with mandated energy and water conservation legislation while continuing to provide adequate environmental conditions in laboratory, computer and office areas. Currently, JSC has one formal seasonal adjustment plan. It is entitled the ****HVAC Seasonal System Adjustment Program**. The Contractor shall describe its plans for maintaining, updating and implementing the plan while incorporating energy and water conservation operational constraints into the plans.
- 3.9 Hot/Cold Call Program: ***JSC** has a draft DMI that outlines the Contractor's responsibilities in response and resolution of discomfort calls received from facility users
- 3.10 KVA Demand Controls: The Contractor shall provide a detailed account of its plans to maintain, update and implement the **** Annual Plan for Management of JSC's kVA Demand**.
- 3.11 Procurement Controls: The Contractor shall describe in detail the method that will be incorporated to insure the procurement of Energy Star and other Energy Efficiency Products in response to EO 13123, Section 403.(b).
- 3.12 Water Conservation: In this plan, the Contractor must list supply and demand management measures that will be earmarked for implementation. Costs, metrics and scheduling must be incorporated into the plan.

References: DRD AN-1-4.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title Monthly Utility Report (MUR)	2. Current Version Date 5-29-01	3. DRL Line AN-1-4	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) Report is to be used for accounting of energy use, evaluation of the energy program and for the development of the Quarter Energy Consumption and Cost Report for *JSC			
5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional) None	7. Interrelationships (e.g., with other DRDs) (Optional) DRD AN-1-5		
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert28]:

Scope: The purpose of this report is to account for the energy delivered to *JSC, develop metrics for NASA HQ evaluation of the program and identify the energy usage of facilities and systems. Data from this report is also used to develop the required Quarterly Energy Consumption and Cost Report to NASA HQ.

Frequency: Monthly. Report is due by the 15th of the month.

Distribution: One hard copy to the COTR and one electronic copy to the JSC Energy Conservation Manager.

Format: Use the current **Monthly Utility Report as a guideline and follow the outline presented in the details below. All electronic data to be in Microsoft Excel.

Details: The following represents the plans general requirements and acceptable format.

(a) Letter of transmittal.

(b) Section I - Electrical Supply, Generation and Usage Report

1. Daily and monthly totals of kWh supplied to JSC, Feeder JSC-615 and monthly total of kWh billed by the Retail Energy Provider (REP).
2. Daily and monthly totals of kVA supplied to JSC and monthly total of kVA supplied by the REP.
3. Daily and monthly totals of KWh used by Feeders 1-2, 2-3, 3-00, 4-2 and 5-2.
4. Daily and monthly summation of KWh used by Feeders 1-2, 2-2, 3-00, 4-2 and 5-2.
5. Daily and monthly ratio comparison of Feeder usage vs. KWh supplied to JSC. (percentage +/- tolerance)
6. Daily and monthly totals of KWh produced by each generator in B# 48. (Gens 01, 02, 03, 07 and 09)
7. Daily and monthly run times for each generator in B# 48.
8. Daily and monthly gals of fuel oil used by each generator in B#48
9. Daily and monthly avg KWh/gal of fuel oil for each generator in B#48.
10. Daily and monthly percent usage for each generator in B# 48.
11. Daily and monthly totals of KWh produced by each standby emergency generators. The generators are at the following locations: B# 17-Gen 01, B# 32-Gen 02, B#37-Gen-01 and B# 39A-Gen 01.
12. Daily and monthly percent of usage of each standby emergency power generator.

Section II - Natural Gas and Usage Report

1. Daily and monthly totals of natural gas supplied to JSC.
2. Daily and monthly totals of natural gas used by B#s 24, 47, 222, 227, 260, 350, 416 and 420.

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3. Daily and monthly summation of natural gas used by B#s 24, 47, 222, 227, 260, 350, 416 and 420.
4. Daily and monthly ratio comparison of building natural gas usage vs. natural gas supplied to JSC. (Percentage +/- tolerance).

Section III - B#24 Natural Gas/Fuel Oil Usage and Steam Production

1. Daily and monthly natural gas usage, fuel oil usage and operational hours for each boiler in B# 24.
2. Daily and monthly summation of natural gas usage, fuel oil usage and operational hours for the boilers in B# 24
3. Daily and monthly steam production for each boiler when fired by natural gas.
4. Daily and monthly steam production for each boiler when fired by fuel oil.
5. Daily and monthly summation of steam production by all boilers.
6. Daily and monthly ratios for steam produced/natural gas usage and steam produced/fuel oil usage.
7. Monthly total of natural gas used by all boilers.
8. Monthly total of fuel oil used by all boilers.
9. Total average ratio of # of steam/scf of natural gas.
10. Total average ratio of # of steam/gal. of fuel oil.
11. Daily and monthly total of steam usage by the mall buildings.
12. Daily and monthly ratio of steam produced vs. steam used by the mall buildings. (Percentage +/- tolerance).

Section IV - B#24 Refrigeration Production and Energy Usage Report

1. Daily and monthly totals of refrigeration produced and operational hours for each of B#24, Chillers #1 thru #7. A daily max., min. and avg. db/wb must be compiled and listed for each day of the month.
2. Daily and monthly summation of total refrigeration produced by B#24 Chillers along with a monthly db/wb average.
3. Daily and monthly totals of energy used for each chiller. Chillers #1 thru #3 will reflect steam usage while Chillers # 4 thru #7 will reflect KWh usage.
4. Daily and monthly summation of total steam and KWh used by the chillers.
5. Daily and monthly lbs/tn for each steam chiller.
6. Daily and monthly KWh/tn for each electric chiller.
7. Monthly overall average lbs/tn for all the steam chillers.
8. Monthly overall average KWh/tn for all the electric chillers.
9. Monthly total of refrigeration produced by steam and the corresponding percentage of total production.
10. Monthly total of refrigeration produced by electricity and the corresponding percentage of total production.
11. Monthly total of all refrigeration produced.

Section V - B#28 Refrigeration Production and Energy Usage Report.

1. Daily and monthly totals of refrigeration produced and operational hours for each of B#28, Chillers #1 and 2. A daily max., min. and avg. db/wb must be compiled and listed for each day of the month.
2. Daily and monthly summation of total refrigeration produced by B#28 Chillers along with a monthly db/wb average.
3. Daily and monthly totals of KWh used for each chiller.
4. Daily and monthly summation of total KWh used by the chillers.
5. Daily and monthly KWh/tn for each electric chiller.
6. Monthly overall average KWh/tn for the electric chillers.
7. Monthly total of refrigeration produced.

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(Based on JSC-STD-123)

Section VI - B#48 Refrigeration Production and Energy Usage Report

1. Daily and monthly totals of refrigeration produced and operational hours for each of B#48, Chillers #1 #2 and #3. A daily max., min. and avg. db/wb must be compiled and listed for each day of the month.
2. Daily and monthly summation of total refrigeration produced by B#48 Chillers along with a monthly db/wb average.
3. Daily and monthly totals of refrigeration provided by B#24/#28 to B#48. A daily max., min. and avg. db/wb must be compiled and listed for each day of the month.
4. Daily and monthly summation of total refrigeration provided by B#24/#28. A daily max., min. and avg. db/wb must be compiled and listed for each day of the month.
5. Daily and monthly totals of KWh used for each chiller and provided by B#48 diesel generators.
6. Daily and monthly totals of KWh used for each chiller and provided by the B#221 electric substation.
7. Daily and monthly summation of total KWh used by the chillers provided by B#48 diesel generators.
8. Daily and monthly summation of total KWh used by the chiller provided by B#221.
9. Daily and monthly KWh/tn for each electric chiller.
10. Monthly overall average KWh/tn for the electric chillers.
11. Monthly total of refrigeration produced by B#48 chillers.
12. Monthly total of refrigeration provided by B#24/#28.
13. Monthly total of KWh provided by B#48.
14. Monthly total of KWh provided by B#221.

Section VII - Electrical Feeder Power Distribution Report

1. Daily and monthly KWh of Feeder 1-2 and sub-feeders 1-5, 1-6, 1-7, 1-8, 1-10, 1-11 and 1-12.
2. Daily and monthly KWh of feeder 2-2 and sub-feeders 2-2, 2-6, 2-7, 2-8, 2-11 and 2-12.
3. Daily and monthly KWh of feeder 3-00 and sub-feeders 3-1, 3-2, 3-3 and 3-4.
4. Daily and monthly KWh of feeder 4-2 and sub-feeders 4-4, 4-5, 4-12 and 4-13.
5. Daily and monthly KWh of feeder 5-2 and sub-feeders 5-4, 5-5, 5-6, 5-9, 5-10 and 5-12.
6. Monthly summations of KWh on Feeder 1-2 and sub-feeders 1-5, 1-6, 1-7, 1-8, 1-10, 1-11 and 1-12.
7. Monthly summations of KWh on feeder 2-2 and sub-feeders 2-2, 2-6, 2-7, 2-8, 2-11 and 2-12.
8. Monthly summations of KWh on feeder 3-00 and sub-feeders 3-1, 3-2, 3-3 and 3-4.
9. Monthly summation of KWh on feeder 4-2 and sub-feeders 4-4, 4-5, 4-12 and 4-13.
10. Monthly summation KWh on feeder 5-2 and sub-feeders 5-4, 5-5, 5-6, 5-9, 5-10 and 5-12.
11. Monthly ratio comparisons of feeder KWh usage and sub-feeder usage (percentage plus or minus tolerance).

Section VIII - Building Electrical Power Usage Report

A. Mission Variable Buildings

1. Daily and monthly summation of KWh usage for B# 5, 5S, 30A, 30M, 30S, 35 and 48. (Building 48 should have two columns. One KWh produced by generators and the other, supplied from B#221.)

* For B# 30M use only KWh supplied from B# 221.

B. Non-Mission Variable Buildings

1. Daily and monthly summation of KWh usage for B# 1, 2, 3, 4N, 4S, 9, 9A, 9B, 9C, 10, 11, 12, 13, 14, 15, 17, 29, 33, 36, 44 and 45.

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(Based on JSC-STD-123)

2. Monthly summation of KWh usage for B# 110, 207, 210, 225, 226, 227, 229, 241, 322, 327, 330, 342, 343, 383, 420, 421 and 422.

C. Energy Intensive Buildings

1. Daily and monthly summation of KWh usage for B# 7, 7A, 8, 16, 16A, 31, 32, 32A, 37, 46, and 49.
2. Monthly summation of KWh usage for B# 222 and 260.

* Amounts for B# 24 and 28 shall be total consumption for the building including chiller consumption.

Section IX - Mall Building Chilled Water Usage Report

A. Mission Variable Buildings

1. Daily and monthly summation of chilled water usage for B#s 5, 5S, 30A, 30M, 30S and 35. (express in tons)
- * There should be two columns for B# 30M and 30S. One column should have tons of chilled water from B#24/28 and the other should have tons from B#48.

B. Non-Mission Variable Buildings

2. Daily and monthly summation of chilled water usage for B# 1, 2, 3, 4N, 4S, 7, 9, 9A, 9B, 9C, 10, 11, 12, 13, 14, 15, 17, 29, 33, 36, 44 and 45. (express in tons)

C. Energy Intensive Buildings

1. Daily and monthly summation of chilled water usage for B# 7, 7A, 8, 16, 16A, 31, 32, 32A, 37, 46, and 49. (express in tons)

Section X - Mall Building Steam Usage Report

A. Mission Variable Buildings

1. Daily and monthly summation of steam usage for B#, 5, 5S, 30A, 30M, 35, 37, 46 and 49. (express in lbs. of steam)
- * For B# 30M use steam supplied from B#24.

B. Non-Mission Variable Buildings

1. Daily and monthly summation of steam usage for B# 1, 2, 3, 4N, 4S, 9, 9A, 9B, 9C, 10, 11, 12, 13, 14, 15, 17, 29, 33, 36, 44 and 45. (express in lbs. of steam)

C. Energy Intensive Buildings

1. Daily and monthly summation of steam usage for B# 7, 7A, 8, 16, 16A, 31, 32, 32A, 37, 46, and 49. (express in lbs. of steam)

Section XI - Potable Water System Report

No change in format is required.

Section XII - Waste Water System and Monthly Rainfall Report

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(Based on JSC-STD-123)

No change in format is required.

Section XIII - Ellington Field Utility Usage Report

No change in format is required.

Section XIV - Refrigerant Supply and Usage report

No change in format is required.

Section XV - SCTF Usage Report

1. Daily and monthly total of KWh Usage.
2. Daily and monthly total of SCF of natural gas usage.
3. Monthly total of potable water usage.
4. Monthly total of gals of sanitary sewage.

Section XVI - Metrics

1. Metrics to be reported by Contractor.
2. Metrics are listed in DRD-AN-1-3.
3. Metrics will be used to chart progress of Contractor maintaining energy efficient systems.

References: DRD AN-1-3, AN-1-5.

Maintenance of Report: Monthly report and data used to generate the report is required to be archived.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title **NASA Quarterly Energy Consumption and Cost Report	2. Current Version Date 5-29-01	3. DRL Line AN-1-5	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) Data is mandated by EO13123 and submitted to NASA HQ via NETS for inclusion into the Energy Resource Management Program.			
5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional)		7. Interrelationships (e.g., with other DRDs) (Optional)	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert29]:

Scope: The Contractor must provide energy consumption data on various facilities and systems at the Center to support NET energy consumption and costs for the ERMP.

Frequency: Report is due quarterly of the Fiscal Year. Due date is 15 days following the end of the previous quarter.

Distribution: One hard copy to the CO and one hard copy and one electronic copy to the JSC Energy Manager. Electronic copy must be in Microsoft Windows Product, i.e. Excel, Word or MS Project.

Format: Format must follow the outline presented in the details below.

Details: The following represents the plans general requirements and acceptable format.

Page 1: Cover letter of transmittal, see **** NASA Quarterly Energy Consumption Report**.

Page 2: Same as current report. See **** NASA Quarterly Energy Consumption Report**. If multiple meters exist for an area, i.e. Ellington Field, subtotals must be provided.

The preceding pages must contain the following information in a format specified by the Contractor

(a) Total KWh usage for each Mission Variable Building (MVB), for each month and for the reporting quarter. The buildings are as follows: B# 5, 5S, 30A, 30M, 30S, 35 and 48.

- For buildings 30M and 30S, report only KWh supplied from B#221.
- For B#48 report KWh produced by the diesel generators.
- Currently all data is electronically compiled on a continuous basis by the EMCS/eBI in B#24 with the exception of B# 222 and 260.

(b) Total refrigeration consumption, in tons, for each of the following MVBs: B# 5, 5S, 30A, 30M, 30S, 35 and 48.

- For B# 30M and 30S report only the tonnage supplied to these buildings by B#24 and 28.
- For B#48 report tonnage supplied to B# 30M and 30S while chillers are on diesel power.

(c) Total steam consumption, in lbs., for each of the following MVB for the reporting quarter: B# 5, 5S, 30A, 30M, 30S and 35.

(d) Total KWh usage for each Non-Mission Variable Building (NMVB), for each month and for the reporting quarter. The buildings are as follows: B# 1, 2, 3, 4N, 4S, 9&9A, 9B, 9C, 10, 11, 12, 13, 14, 15, 17, 25, 29, 33, 36, 44 and 45.

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(Based on JSC-STD-123)

(e) Total refrigeration consumption for each NMVB, for each month and for the reporting quarter. The buildings are as follows: B# 1, 2, 3, 4N, 4S, 9&9A, 9B, 9C, 10, 11, 12, 13, 14, 15, 17, 25, 29, 33, 36, 44 and 45.

(f) Total steam consumption for each NMVB, for each month and for the reporting quarter. The buildings are as follows: B# 1, 2, 3, 4N, 4S, 9&9A, 9B, 9C, 10, 11, 12, 13, 14, 15, 17, 25, 29, 33, 36, 44 and 45.

(g) Total KWh usage for each Energy Intensive Facility (EIF), for each month and for the reporting quarter. The buildings are as follows: B# 7, 7A, 8, 16, 16A, 31, 32, 32A, 37, 46, 49, 222 and 260.

(h) Total refrigeration consumption for each EIF, for each month and for the reporting quarter. The buildings are as follows: B# 7, 7A, 8, 16, 16A, 31, 32, 32A, 37, 46, and 49.

(i) Total steam consumption for each EIF, for each month and for the reporting quarter. The buildings are as follows: B# 7, 7A, 8, 16, 16A, 31, 32, 32A, 37, 46, and 49.

(j) Total natural gas consumption for each EFI, for each month and for the reporting quarter. The buildings are as follows: B# 222, 260, 350, and SCTF.

(k) Total KWh consumption for B# 24 for each month and for the reporting period

(l) Total KWh consumption for B#28 for each month and for the reporting period.

(m) Total KWh produced by B# 48 for each month and for the reporting period.

(n) Total steam production in lbs for B#24 for each month and for the reporting period

(o) Total individual natural gas consumption in scf for B# 24, for each month and for the reporting period

(p) Total chilled water production in tons for B# 24 for each month and for the reporting period.

(q) Total chilled water production in tons for B# 28 for each month and for the reporting period.

(r) Total chilled water production in tons for B# 48 each month and for for the reporting period.

(s) Total KWh usage for Ellington Field for each month and for the reporting period.

(t) Total natural gas consumption in SCF for Ellington field for each month and for the reporting period.

References: None

Maintenance: Reports to be archived by the Contractor.

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(Based on JSC-STD-123)

1. DRD Title ** JSC Cold Weather Protection Plan	2. Current Version Date 3-29-01	3. DRL Line AN-1-6	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) The Contractor will use this Plan to prevent damage to the facilities and equipment at JSC, EF and SCTF from the effects of freezing weather.			
5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional) None.		7. Interrelationships (e.g., with other DRDs) (Optional)	
8. Preparation Information (Include complete instructions for document preparation)			

Scope: Plan is to be put into effect by the Contractor on confirmed forecast of below 32 degrees F for more than 4 hours.

Frequency: Due to the COTR October 1 of each year for review and approval.

Distribution: One electronic copy and two hard copies to the COTR. Electronic disk copies must be a Microsoft Windows Product, i.e. Excel, Word or MS Project.

Format: Per the details below.

Details: See **** JSC Cold Weather Protection Plan**. Current plan is to be updated by the Contractor prior to the plans due date for inclusion of SCTF.

References: None

Maintenance: Update plan on a yearly basis for inclusion of equipment/system changes or additions as well as modified or newly constructed facilities.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Supporting SOPs of *JSC Emergency Preparedness Plan JSC-05900	2000	AN-1-7	RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) Develop plan for providing support for *JSC **Emergency Preparedness Plan JSC-05900 and SOPs as required. This is an OSHA requirement and the Contractor shall have a plan in place that outlines their responsibilities in the event of an emergency.			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input type="checkbox"/> Administrative <input checked="" type="checkbox"/> SR&QA			
6. References (Optional)		7. Interrelationships (e.g., with other DRDs) (Optional)	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert30]:

Scope: Develop a plan to support activities on SOPs identified in the Emergency Preparedness Plan and participate in annual reviews of the plan to identify and document improvements and required changes. The plan is to parallel the Center's plan and the Contractor must maintain, update, and implement the plan in response to emergencies on site.

Frequency: Plan is due to CO 30 days after start of contract for review and approval and yearly in March thereafter.

Distribution: One hard copy and one electronic disk to the CO.

Format: Per the following outline presented in the Center's **Emergency Preparedness Plan JSC-05900.

Details: See **Emergency Preparedness Plan JSC-05900.

References: None

Maintenance: Annually updated.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line AN-1-9	RFP/Contract No. (Procurement completes) RFP 9-BJ32-T63-0-24P
Wage/Salary and Fringe Benefit Data			

4. USE (Define need for, intended use of, and/or anticipated results of data)

The Wage/Salary and Fringe Benefit Data will be used by the NASA Contracting Officer and the Industrial Labor Relations Office to provide the necessary data for submittal of Standard Form (SF) 98, Notice of Intention to Make a Service Contract and Response to Notice, to the Department of Labor, and to assist in the monitoring of Service Contract Act compliance.

5. DRD Category: (check one)	<input type="checkbox"/> Technical	<input checked="" type="checkbox"/> Administrative	<input type="checkbox"/> SR&QA
6. References (Optional)		7. Interrelationships (e.g., with other DRDs) (Optional) FAR 52.222-41	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert31]:

DISTRIBUTION: Per Contracting Officer's letter.

INITIAL SUBMISSION: Start date of contract, at end of phase-in.

SUBMISSION FREQUENCY: Annually based on the start date of contract.

DATA PREPARATION INFORMATION:

SCOPE: The Wage/Salary and Fringe Benefit Data must be submitted by the Contractor, and any subcontractors which are subject to the provisions of the Service Contract Act, to the Contracting Federal Agency. In accordance with FAR regulations 22.1007 and 22.1008, the Contracting Officer is required to submit a SF 98 to the Department of Labor, Wage and Hour Division.

APPLICABLE DOCUMENTS: None

CONTENTS: The Wage/Salary and Fringe Benefit Data should contain the data included in the enclosed DRD forms, titled "Wage/Salary Rate Information", "Fringe Benefit for Service Employees", and "Fringe Benefits per Collective Bargaining Agreement". The Wage/Salary Rate Information shall contain a listing of all exempt and nonexempt labor classifications working on the contract. Separate forms should be utilized for classifications working in different geographic areas and for each subcontractor. Wage determination numbers, appropriation labor organization names, and subcontractor names, must be reflected. All nonexempt labor classifications must be matched to wage determination classes or to CBA classifications for represented classes. Annotate exempt or nonexempt and union or nonunion. The current hourly rates should reflect the actual lowest and highest paid employees, along with a computed average rate. State the number of employees working in each category. Separate Fringe Benefit forms should be completed for nonrepresented classifications and for each separate CBA. A separate form must be completed for the prime and each subcontractor. Three copies of each Collective Bargaining Agreement are required.

FORMAT: The Wage/Salary and Fringe Benefit Data should be in a format substantially the same as enclosed with this DRD. (Forms 2, 3, and 3A)

MAINTENANCE: Changes shall be incorporated as required by change page or complete reissue.

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FORM 2

Page 1 of 1

WORK SHEET FOR SF-98 DATA WAGE RATE INFORMATION

Illustration of required data

WAGE CONTRACTORS LABOR CLASSIFICATION	DETERMINATION CLASSIFICATION	EXEMPT OR NON EXEMPT	UNION OR NON UNION	CURRENT HOURLY RATE	MYE NO. OF EMPL.
Project Manager	Not Required	E	N	\$25.00	1
Supervisor	Not Required	E	N	\$20.00	1
Electrical Engineer	Not Required	E	N	\$16.50 - \$20.00	3
Technician, Jr	Elect Tech Main 1	N	U	\$12.78 - \$15.50	12
Technician, Sr.	Elect Tech Main II	N	U	\$18.20 - \$20.00	4
Secretary	Secretary I	N	N	\$11.11 - \$12.50	2
File Clerk	General Clerk I	N	N	\$8.29	1
Clerical Data Entry	Word Processor I	N	N	\$9.25 - \$10.90	1

Submit data in the above illustrated format for all labor classifications used, or planned to be used, on this contract. All contract labor classifications must be matched to wage determination classes listed in CBA's represented classes or classes shown in WD 94-2516 for nonrepresented classes.

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FORM 3

Page 1 of 2

FRINGE BENEFITS PER COLLECTIVE BARGAINING AGREEMENT

For period from _____ to _____

Contractor:

Contract Number:

Number of employees in bargaining unit _____

Total number of employees on contract _____

1. Shift Differential: (Describe any pay over and above base rates for 2nd, 3rd, weekend, or other shifts.)

2. Health and Welfare Items and Other Fringe Items: (Indicate whether or not coverage is provided to employees and state current average hourly cost per employee covered by a Collective Bargaining Agreement.)

Item	Coverage Provided (Yes or No)	Average Hourly Cost
a. Life Insurance		
b. Accidental Death		
c. Disability		
d. Medical and Hospital		
e. Dental		
f. Retirement Plan		
g. Savings/Thrift Plan		
h. Sick Leave		
i. Tuition		
j. Other (Describe)		

TOTAL

1. Paid Absences:

	Service Requirement	Days per Year
a. Vacation		
b. Holiday		
c. Sick Leave		
d. Jury Leave		
e. Funeral Leave		
f. Military Leave		
g. Other (Describe)		

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FORM 3

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1. Severance Pay: (Briefly describe terms and amounts.)
2. Other Fringe Benefits: (Describe any other fringe benefits not included above, and show average hourly cost.)
3. Premium Pay: (Discuss all premium pay provisions not previously shown on this form.)

Signature of Company Representative

Date

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

FORM 3A

Page 1 of 1

FRINGE BENEFITS FOR SERVICE EMPLOYEES

For period from _____ to _____

Contractor: _____

Number of nonexempt employees on contract: _____

Total number of employees on contract: _____

1. Health and Welfare Items and Other Fringe Items:

(Indicate whether or not coverage is provided to employees and state current average hourly cost per service employee.)

<u>Item</u>	<u>Coverage Provided</u>	<u>Average Hourly Cost</u>
a. Life Insurance		
b. Accidental Death		
c. Disability		
d. Medical and Hospital		
e. Dental		
f. Retirement Plan		
g. Savings/Thrift Plan		
h. Sick Leave		
i. Tuition Reimbursement		
j. Other (Describe)		

1. Paid Absences

	<u>Service Requirement</u>	<u>Days per Year</u>
a. Vacation		
b. Holidays		
c. Sick Leave		
d. Jury Leave		
e. Funeral Leave		
f. Military Leave		
g. Other (Describe)		

Signature of Company Representative

Date

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date Per RFP	3. DRL Line AN-1-10	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) Established SOW functional performance metrics and documents trends. Assures compliance with contract requirements.			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional)		7. Interrelationships (e.g., with other DRDs) (Optional)	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert32]:

Scope:

The Contractor shall plan, implement, accomplish, and submit all metric requirements in this DRD for designated functional requirements. Functional requirements include all work requirements specified in Section C of the contract. These metric and reporting requirements are in addition to other metrics, on-line electronic data, reports, and submittals that are required in the various technical annexes of Section C. The Contractor shall evaluate these metric data and take all steps necessary for the improvement of any required performance, quality, and/or efficiency that the Contractor fails to meet. This evaluation and its effectiveness shall assure the COTR full and total compliance with the contract requirements. The Contractor may propose metrics he deems would be meaningful to include in this DRD.

Frequency of Data Reporting:

The Contractor shall continuously maintain electronic on-line access to the most recent data required in this DRD. The access shall be formally reported by the 10th of each month.

The Contractor shall submit data, records, and reports required by this DRD via hard copies once per month, or as otherwise may be noted, during entire contract period. This hardcopy and electronic copy shall be due to Government on the 10th of each month, or as otherwise noted.

Distribution:

Submit 1 hard copy and 1 electronic copy of all data requirements to the CO, COTR, and JSC Occupational Safety Branch as detailed in the DRD for specific metrics. The metrics shall also be linked to the COD web homepage.

Format:

The Contractor and the COTR shall jointly agree on the format of data and reporting. See the end of this DRD for the Metric Standard for JSC Report format and example metric. The Government will determine the "Stoplight Goals" within 90 days of contract start for each required metric. Minor changes in format and content shall be expected from time to time to improve use, application and meaningfulness of metrics. Electronic format to be on Microsoft Windows based software. Data elements are to be reported and maintained in Microsoft Excel. The data shall be put on the Contractor's homepage in a manner such that all metrics can be easily accessed in a single location and they shall be linked to the COD homepage.

Supporting Data and Metrics:

The Contractor shall maintain and provide Government electronic on-line access to the back-up detail data that supports all DRD requirements. For example the data will have: work elements data, equipment ID, criticality class code, building number, customer, annex, functional area etc.; and is expected to be available, such that analysis and trending to various focused levels and detail may be achieved. The

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

intent is that other on-line data be accessible that readily supports all data submitted with this DRD and that the Government shall have full and unlimited access to that data.

Metric Reports and Submittals:

The Contractor shall prepare, submit, and maintain the following metrics. Note: All fields of data are to be provided:

Table of Contents

- I. Administrative
 - A. Safety
- II. Facility Engineering
 - A. Maintenance
 - B. Directed Services
 - C. Engineering Support
 - D. Environmental
- III. Logistics Division Metrics
 - A. Monthly Metrics
- IV. Metric Format Requirement

I. Administrative

A. Safety

a. OSHA recordable frequency rate on a monthly basis for the contract year with projections to the end of the year. Metrics shall be for Lost Work Day Cases frequency rate, OSHA Reportable Case frequency rate, and OSHA Lost Work Day Case severity rate. The definitions for the metrics required are found in Annex 1 CLIN 1.8.1.

b.

		This Month	Contract Year- to-Date	Contract Period- to-Date
1	Number of *JSC safety work orders added			
2	Number of *JSC safety work orders completed			
3	Number of *JSC safety work orders open over 30 days			
4	Number of *JSC safety work orders open over 60 days			
5	Number of *JSC safety work orders open over 90 days			
6	Number of regulatory violations (any regulatory agency)			
7	Number of hours worked by SIC Code by function/activity			
8	Number of regulatory citations (any regulator agency)			

II. Facility Engineering:

Monthly Metrics

In addition to the metrics specifically identified below, submit 10 monthly metrics for CLINs within Annexes 1 – 8 and 13. These ten metrics will be developed in coordination with the Government. These metrics will be indicative of performance schedule (timeliness), and quality of required services for the Facility Engineering Division. These metrics will become a basis for trending areas needing improvement, as well as reflective of the overall performance of the Contractor in the facility engineering functions. Some metrics may be added or changed as contract focus is changed before each new performance evaluation period; however, no more than 10 of these additional metrics will be required to be submitted on a monthly basis at any one time. All metrics will be based on data available in existing databases or already required

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

to be collected elsewhere in the contract.

A. Maintenance

1. The Contractor shall implement maintenance metrics using definitions as defined in NHB 8831.2A and as may be further defined in the Public Works Annexes and this DRD. The Contractor CMMS shall incorporate tracking, status, history costing, and other requests in SOW for all work elements by equipment ID, system, unit, facility, facility class code, and other requirements in SOW.

a. Maintenance Work Elements

PM -	Preventive Maintenance Task
PT&I -	Predictive Testing & Inspection Task
TC -	Trouble Calls (ETC + RTC + UTC) Task
ETC -	Emergency Trouble Calls
RTC -	Routine Trouble Calls
UTC	Urgent Trouble Calls
R -	Repairs (RPM + RPT + RU) Task
RPM -	Repairs as Results of PM Task
RPT -	Repairs as Results of PT&I Task
RU -	Other Repairs Task

2. Scheduled Maintenance Cost vs. Repair Cost

- SFUSS – PM&PTI Cost, PM Cost, PTI Cost, Repair Cost, (Y Axis) by Month (X Axis) compiled for most recent 12 months.
- SFUSS – Cumulative PM&PTI Cost, Cumulative PM Cost, Cumulative PTI Cost, Cumulative Repair (Y Axis) for Contract Year to Date and Last 12 Months (X Axis).
- User Equipment - PM&PTI Cost, PM Cost, PTI Cost, Repair Cost, (Y Axis) by Month (X Axis) compiled for most recent 12 months.
- User Equipment - Cumulative PM&PTI Cost, Cumulative PM Cost, Cumulative PTI Cost, Cumulative Repair (Y Axis) for Contract Year to Date and Last 12 Months (X Axis).

Goal: Increase in PM&PTI Cost and Decrease in Repair Costs. Overall goal is 80% PM&PTI and 20% Repair.

3. Scheduled Maintenance Tasks vs. Repair Tasks

- SFUSS - PM&PTI Task Percentage, Repair Task Percentage, (Y Axis) by Month (X Axis) compiled for most recent 12 months.

Goal: Increase in PM&PTI Task Percentage and Decrease in Repair Task Percentage. Overall goal is 80% PM&PTI and 20% Repair.

4. BMAR as % of CRV (HQ Metric # 11)

- SFUSS – BMAR Cost as calculated monthly from Facility Condition Assessment as a Percentage of CRV COST (Current Replacement Value) compiled for the most recent 12 months.

5. Ratio of Maintenance Cost Compared to Total O&M Cost (HQ Metric # 9)

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

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- a. SFUSS – Monthly Maintenance (PM&PTI) Cost as a ratio of the total Operations and Maintenance (Annex 2 and 4) Cost compiled for the most recent 12 months.

6. SFUSS Maintenance Performance

a.

SFUSS Maintenance	Current Month	Contract Year-To-Date
	No.	No.
SFUSS Maintenance Task (PM & PT&I) Scheduled		
SFUSS Maintenance Task (PM & PT&I) Completed on Schedule		
SFUSS Maintenance Task (PM & PT&I) Not Performed		
Number of SFUSS Unplanned Down Time Occurrences		
SFUSS Unplanned Down Time (Hours)		
% SFUSS Available		

7. Repair Performance

a.

Repair	Beginning Balance No.	No. Added This Month	No. Removed This Month	Ending Balance
1. SRT Tags				
2. SRT Tags in place over 30 days				
3. SRT Tags in place over 60 days				
4. SRT Tags in place over 90 days				
5. Hot/Cold calls received				

SRT - SERVICE Request Tag

- a. SFUSS – Emergency Repair (ETC) Tasks completed on time as a Percentage of total ETC per month for the most recent 12 months. Hot and Cold Calls are NOT Included. Due on the 5th of each month.

Goal: 98% of ETC completed on time.

- a. SFUSS – Urgent Repair (UTC) Tasks completed on time as a Percentage of total UTC per month for the most recent 12 months. Due on the 15th of each month.

Goal: 98% of UTC completed on time.

- a. SFUSS – Routine Repair (RTC) Tasks completed on time as a Percentage of total RTC per month for the most recent 12 months. Due on the 5th of each month.

Goal: 95% of RTC completed on time.

8. Availability/Reliability Performance

TBD

B. Directed Services

- 1 BMAR (Cost for this data to be reported as *Total Cost.)

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

a.

BMAR Site	Beginning Total Dollars	Monthly Dollars Added	Monthly Dollars Credited	Ending Balance Dollars	% Change From Last Fiscal Year
JSC					
EF					
SCTF					
Total					

2. Service Orders

a.

Service Orders			Monthly Activity					Contract Year to Date	
LVL	Begin Balance	Ending Balance	Number Ordered	Number Completed	Number Behind Schedule	Number Cancelled	Number Rollover	Number Completed	Number Rollover
1									
2									
3									
4									
5									
6									

b.

Service Order Classification	No. Scheduled for Completion	No. Completed on Schedule
Emergency		
Urgent		
Routine		
Government Specified		

C. Engineering Support Services

C.1 Design - submit every month.

- a. Actual number of designs by construction cost ranges.
- b. Design package delivery by construction cost ranges.
 1. "Stoplight Goal" green for projects delivered above 95% on time.
 2. "Stoplight Goal" yellow for projects delivered between 90% and 95% on time.
 3. "Stoplight Goal" red for projects delivered below 90% on time.
- c. Quality of design -projects with rework (drawing revision) caused by design error/omission.
 1. "Stoplight Goal" green for projects with quality above 95%.
 2. "Stoplight Goal" yellow for projects with quality between 90% and 95%.
 3. "Stoplight Goal" red for projects with quality below 90%.
- d. Statement of Work (SOW) revisions (provide in a 2x3 table)
 1. Number of SOW's revisions caused by:

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

- a. Schedule change
- b. Construction cost change
- 2. Reason for the SOW revision
 - a. Customer scope or schedule change
 - b. Government scope or schedule change
 - c. COSS scope or schedule change
- e. Construction problems (non-design related)
 - 1. Number of construction problems addressed and solved
 - 2. Average construction cost change amount
 - 3. Average construction schedule change amount
 - 4. Percentage of design effort spent solving construction problems
- f. Canceled designs
 - 1. Number of designs canceled
 - 2. Percentage of canceled design cost to completed design cost

C.2 As-Building - submit quarterly.

- a. Number of master facility drawings in CAD Vector format, CAD Raster format, and in hardcopy

D. Environmental

Monthly Metrics

In addition to the metrics specifically identified below, submit 10 monthly metrics for CLINs within Annexes 1 and 9. These ten metrics will be developed in coordination with the Government. These metrics will be indicative of performance schedule (timeliness), and quality of required services for the Environmental Office. These metrics will become a basis for trending areas needing improvement, as well as reflective of the overall performance of the Contractor in the environmental service functions. Some metrics may be added or changed as contract focus is changed before each new performance evaluation period; however, no more than 10 of these additional metrics will be required to be submitted on a monthly basis at any one time. All metrics will be based on data available in existing databases or already required to be collected elsewhere in the contract.

D.1 Pollution Prevention Program

D.1.1 Wastes and Emissions (ISW, Wastewater and Air Emissions) Reduced or Avoided by COSS Contractor. Submit Quarterly by Location (JSC, EF, SCTF).

- a. Specific waste or emission.
- b. Amount in pounds and % (weight) reduced or avoided during the previous quarter, per specific waste or emission and total.
- c. Cost, in \$, avoided or saved by reduction or emission during quarter and projected for 3 years.
- d. Cumulative amount in pounds, %, and cost reduced or avoided in calendar year-to-date. Chart to indicate trending for past 12 month period.
- e. Compare to baseline quantity (previous year). Chart to indicate trending for past 12 month period.

D.1.2 Wastes and Emissions (ISW, Wastewater and Air Emissions) Reduced or Avoided Site-wide.

- a. Specific waste or emission.
- b. Amount in pounds and % (weight) reduced or avoided during the previous quarter, per specific waste or emission and total.
- c. Cost, in \$, avoided or saved by reduction or emission during quarter and projected for 3 years.
- d. Cumulative amount in pounds, %, and cost reduced or avoided in calendar year-to-date. Chart to indicate trending for past 12 month period.
- e. Compare to baseline quantity (previous year). Chart to indicate trending for past 12 month period.

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- D.1.3 Percentage of Total ISW generated that was recycled, reused, reclaimed or substituted for new materials or feedstock. Submit Quarterly, except d which is annual.
 - a. % by weight, summed by waste class (Hazardous, Class 1 nonhazardous, Class 2)
 - b. List ISW separately that increase or decrease by 5%.
 - c. Cost savings or avoidance, in \$, during quarter and annually for last quarter of the year report. Chart to indicate trending for past 12 month period.
 - d. Compare to baseline years (calendar year 2000, or year set by JSC Environmental TMR, and the previous year). Chart to indicate trending for past 12 month period.
- D.1.4 Trash Diverted from Landfill. Submit Monthly except e, which is annually.
 - a. % total trash diverted from landfill (by recycling or other means), for month and fiscal year-to-date.
 - b. Amount in pounds of each recycled item by weight and cost savings and cost avoidance. Chart to indicate trending for past 12 month period.
 - c. Total amount in pounds sent to landfill for month and fiscal year-to-date.
 - d. Cost of landfilling identified in c for month and fiscal year-to-date.
 - e. Compare a, b, c, and d to baseline year (fiscal year 2001 or year set by JSC Environmental TMR). Chart to indicate trending for past 12 month period.
- D.1.5 Pollution Prevention Opportunity Assessments. Submit quarterly.
 - a. Number of PPOAs conducted in quarter and calendar year-to-date.
 - b. Number of PPOs implemented in quarter and calendar year-to-date.
 - c. Projected source reduction or minimization, in pounds by media (i.e., air, ISW, wastewater, water conservation) actual, if available or projected for next 3 years for each. Chart to indicate trending for past 12 month period.
 - d. Projected cost savings and cost avoidance, in \$, projected annually for 3 years, for each PPO implemented. Chart to indicate trending for past 12 month period.
 - e. Total of source reduction or minimization, in pounds, and cost savings summed for all PPOs implemented for quarter and calendar year-to-date. Chart to indicate trending for past 12 month period.
- D.2 Affirmative Procurement.
- D.2.1 Affirmative Procurement for COSS Purchases. Submit quarterly for a and b, annually for c.
 - a. % of each EPA designated item purchased with recycled content for quarter and fiscal year-to-date.
 - b. Number of waivers requested and number granted for quarter and fiscal year-to-date.
 - c. Compare percentages for each EPA designated item to previous year and baseline year (fiscal year 02 or year set by JSC Environmental TMR. Chart to indicate indicate trending for past 12 month period.
- D.3 Spills and Releases
- D.3.1 COSS Spills and Releases. Submit monthly.
 - a. Number of spills or releases and quantity in pounds due to COSS activities, for month and calendar year-to-date. Chart to indicate trending for past 12 month period.
 - b. Number of spills or releases due to COSS activities required to be reported to regulatory agencies, for month and calendar year-to-date. Chart to indicate trending for past 12 month period.
 - c. Compare number and quantity of spills and releases to previous calendar year. Chart to indicate annual trending.
- D.3.2 Site-wide Spills and Releases. Submit monthly.
 - a. Number and quantity in pounds of all spills and releases, for month and calendar year-to-date. Chart to indicate trending for past 12 month period.
 - b. Number of spills and releases requiring notification to regulatory agency, for month and calendar year-to-date.
 - c. Compare number and quantity of spills and releases to previous calendar year. Chart to indicate trending for each COSS contract year.
- D.4 Life Cycle Costing. Report monthly.
 - a. Total number of COSS designs completed.
 - b. Total number of above COSS designs incorporating life cycle costing evaluation (must include resource conservation and environmental costs to be counted as including life cycle costing),

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

- per month and calendar year-to-date. Chart to indicate trending for past 12 month period.
- D.5 Environmental Training. Submit monthly.
- Number of individuals receiving environmental training (site-wide) by class name (e.g., environmental awareness, storm water pollution prevention, EMS auditor training) and by number of civil servants and number of contractors per class, per month and calendar year-to-date.
 - Percentage of persons trained compared to targeted required training spelled out in environmental training plan, by type of training. Chart to indicate trending over all COSS contract years.
- D.6 Accuracy of Environmental Reports. Submit monthly.
- Number of environmental reports and submittals, monthly and calendar year-to-date.
 - Number of environmental reports and submittals returned to COSS Contractor by JSC Environmental TMR for corrections. Chart a and b to indicate trending for past 12 month period.
- D.7 Groundwater Treatment Metrics. Develop and submit monthly metrics in database with charts that summarize the operations of the Groundwater Treatment System and includes the following:
- Volume of groundwater removed per well by month and year-to-date.
 - Volume of groundwater treated in the air stripping systems by month and year-to-date.
 - Quantity of waste generated, disposed of or reclaimed by type per month and year-to-date, for example carbon filter waste, waste from cleaning the system.
 - Number of days and the dates the system was non-operational including reason codes for down time.
 - Date the system was put back in service. Include a description of each maintenance activity performed and a list of all materials used and equipment installed and/or repaired.
- D.8 Waste Treatment System Metrics. Develop and submit monthly metrics in database with charts that summarize the operations of the Waste Treatment systems and includes the following by treatment system:
- Total number of gallons transferred to the Memtek System.
 - Total number of gallons actually treated in the Memtek System.
 - Total number of gallons transferred to another waste tank by tank name and unit number.
 - The number of gallons remaining in rinse tank after each batch.
 - The flow rates through each tank.
 - The number of gallons discharged to the sanitary sewer.
 - The date and the quantity of waste generated in the filter press.
 - The date and the quantity of waste removed from the filter press.
- D.9 Tank Cleaning Metrics. Develop and submit metrics in a database with charts that summarize the ISW tank cleaning operations:
- The volume of water generated, by tank and waste code, during each tank cleaning event.
 - The total volume of waste for each tank cleaning event totaled by building.

III Logistics Division Metrics

A. Monthly Metrics

Submit monthly metrics for CLINs in Annexes 10, 11, 12 and 14 (Supply, Property Accountability, Transportation and Custodial). Ten metrics similar to the following examples will be developed in coordination with the Government. These metrics will be indicative of performance schedule (timeliness), and quality of required services for the Logistics Division. These metrics will become a basis for trending areas needing improvement, as well as reflective of the overall performance of the Contractor in the logistics functions. Some metrics may be added or changed as contract focus is changed before each new performance evaluation period; however, no more than 10 will be required to be submitted on a monthly basis at any one time. All metrics will be based on data available in existing databases or already required to be collected elsewhere in the contract.

The following two sample metric sheets are indicative of the types of material that will be shown in Logistics required metrics. It does not show the format which is shown in IV B Sample Metric at the end of

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

this DRD.

- Center Operations Director Metrics (JA)

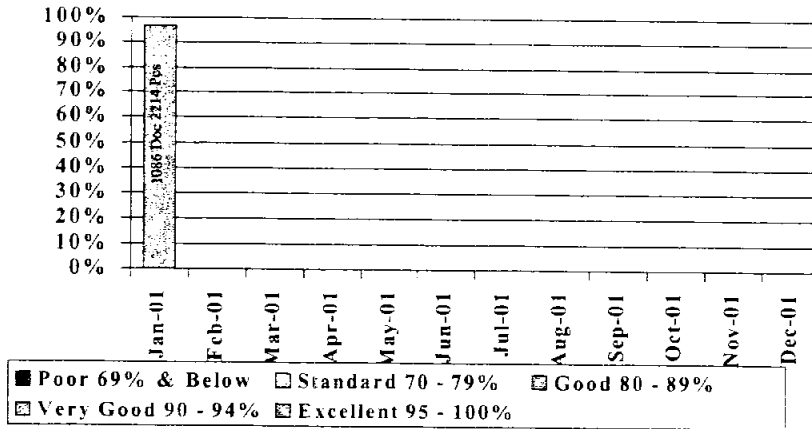
Chart Owner:

Last Update:

Metrics Summary: Process Excess Property (CLIN _____).

Contract Standard - ____ days

Pick-up Excess Property & Deliver to R&U Warehouse



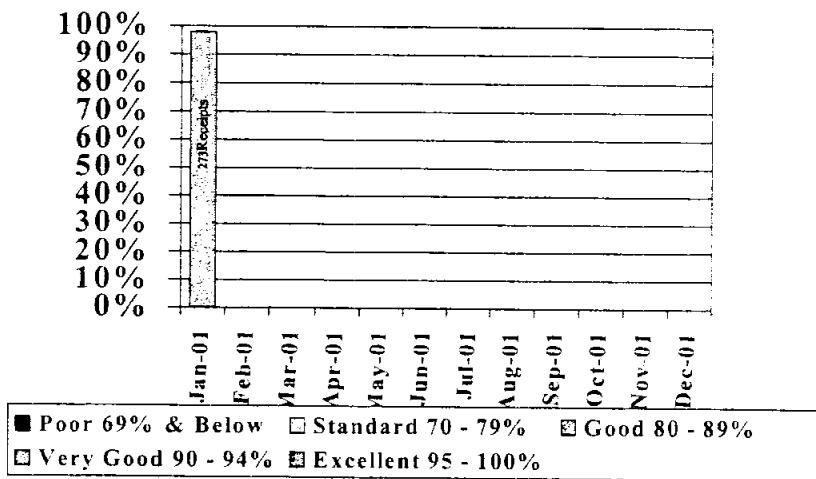
- Center Operations Director Metrics (JA)

Chart Owner:

Last Update:

Metrics Summary: Receive Inbound Freight (CLIN _____). Contract Standard - 1 day

Receipts Inspected & Delivered



JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

IV Metric Format Requirement

A. Guidelines For COSS METRICS (CM)

Chart Content/Format

Each chart must contain the following contents: (see-attached example 5.3, Engineering Designs)

- ◊ Top, left justified: Chart number and Chart title (Organization Code) CLIN: 5.3 – Engineering Design
- ◊ Top right: "Stoplight goal" e.g. R (red), Y (yellow), G (green) Format: (example) 95% and above is green, 90% - 95% is yellow, and below 90% is red.
- ◊ Below title, upper right corner: "Last Updated:" and date - Format: Last Update: 2/28/01
- ◊ Below title, upper left corner: Name of Chart Owner, Phone Number of Chart Owner
Format: Chart Owner: Byron Winters, 33182
- ◊ Separation line below all of the above heading information and above the chart contents
- ◊ Below this separation line, place a short chart summary statement
Format: Metrics Summary: This metric shows final design packages were consistently delivered on time. Design quality is good. Provide designs in this period accurate and on time.
- ◊ Bottom left: Metric URL
Format: Website Location:

♦ Chart Style

Each chart must follow the following style:

- ◊ Font: Times New Roman
- ◊ Font Size: Must be readable on the website
- ◊ Background: White

♦ Sample Chart

♦ File Types & Versions

Each chart must be of one of the following file types:

- ◊ Hyper Text Markup Language (.htm, .html)
- ◊ Word (.doc) – JSC Site Standard i.e.: Word 95
- ◊ Excel (.xls) – JSC Site Standard, i.e.: Excel 95
- ◊ Powerpoint (.ppt) – JSC Site Standard, i.e.: Powerpoint 95
- ◊ Adobe Acrobat Reader (.pdf)
- ◊ Do Not Use: Project, Cricket – Non-JSC Standard Load Software

♦ Graphics

Each chart should use the following file types:

- ◊ .gif
- ◊ .jpg
- ◊ Avoid using: .tif, .bmp – if large in size

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

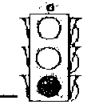
(Based on JSC-STD-123)

B. Sample Metric

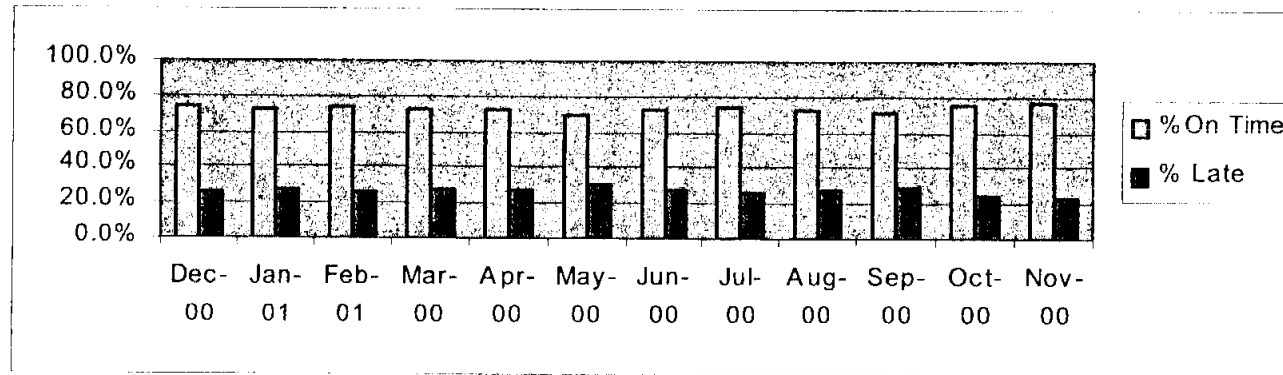
5.3 - Engineering Designs (JA)

Chart Owner: JC/Byron Winters, 33182

Last Update: 2/28/01



Metrics Summary: This metric shows final design packages were consistently delivered on time during this reporting period. The Goal is to maintain late designs under 30%. (This metric example does not constitute any contractual requirements)



	Dec-00	Jan-01	Feb-01	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Nov-00
% On Time	74.6%	73.1%	74.5%	73.0%	72.5%	69.8%	72.7%	74.0%	72.1%	71.5%	75.5%	77.0%
% Late	25.4%	26.9%	25.5%	27.0%	27.5%	30.2%	27.3%	26.0%	27.9%	28.5%	24.5%	23.0%

Website Location: http://metrics/organizations/Ja/metrics_data/COD_CD_Metrics/5.3 ppt

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line AN-1-11	RFP/Contract No. (Procurement completes) RFP 9-BJ32-T63-0-24P
Notification of Potential Labor Dispute and Contingency Strike Plan			

4. USE (Define need for, intended use of, and/or anticipated results of data)

The Notification of Potential Labor Dispute and Contingency Strike Plan will be used by the NASA Contracting Officer and the Industrial Labor Relations Office to facilitate the coordination of activities between the Contractor and the affected NASA operational directorates to ensure that necessary steps are taken to prepare for any potential strike situations and to prevent the disruption of work.

5. DRD Category: (check one)	Technical	<input checked="" type="checkbox"/> Administrative	SR&QA
6. References (Optional)	7. Interrelationships (e.g., with other DRDs) (Optional) FAR 52.222.1		

Comment [Insert33]:

8. Preparation Information (Include complete instructions for document preparation)

DISTRIBUTION: Per Contracting Officer's letter.

INITIAL SUBMISSION: In accordance with 13.1.

SUBMISSION FREQUENCY: As required.

DATA PREPARATION INFORMATION:

SCOPE: A Notification of Potential Labor Dispute must be submitted at the first indication of potential labor unrest which could delay the timely performance of the contract. The Notification shall describe the situation, which has the potential of impacting the contract, and describe the corrective action initiated. A Contingency Strike Plan must be submitted 45 calendar days prior to the expiration of any collective bargaining agreement covering employees working under this contract for the prime and any subcontractors and/or immediately following any indication of potential labor unrest.

APPLICABLE DOCUMENTS: None

CONTENTS: The Notification of Potential Labor Dispute shall describe the situation which has the potential of impacting the timely performance of the contract and describe the corrective action initiated. Notification should be made prior to the expiration of collective bargaining agreements, prior to any significant changes to existing working conditions or pay practices, or any situation that could impact the performance of the contract through labor unrest. The Contingency Strike Plan shall describe the Contractor's plan for assuring the timely performance of the work under this contract during a strike or work stoppage situation. As a minimum, contents should include: information on implementation of the strike plan, a pre-strike checklist for managers and supervisors, a description of how critical work will be performed, phone numbers of key management personnel, and standards of conduct policies during the strike.

FORMAT: Contractor format is acceptable.

MAINTENANCE: Changes shall be incorporated as required by change page or complete reissue.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title Subcontracting Reports	2. Current Version Date	3. DRL Line AN-1-13	RFP/Contract No. (Procurement completes) RFP 9-BJ32-T63-0-24P
----------------------------------------	----------------------------	---------------------------	---------------------------------------------------------------------

4. USE (Define need for, intended use of, and/or anticipated results of data)

To collect subcontract data

5. DRD Category: (check one)	<input type="checkbox"/> Technical	<input checked="" type="checkbox"/> Administrative	<input type="checkbox"/> SR&QA
6. References (Optional)	7. Interrelationships (e.g., with other DRDs) (Optional)		

Comment [Insert34]:

8. Preparation Information (Include complete instructions for document preparation)

The Contractor shall utilize Standard Form (SF) 294, Subcontracting Report for Individual Contracts, and SF 295, Summary Subcontractor Report, in accordance with FAR clause 52.219-9 and NASA FAR Supplement 18-52.219-73.

Frequency: Annually by April 1.

Distribution: One electronic copy and one hard copy to CO.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Security Reporting Requirements	2/16/01	AN-1-14	RFP9-BJ32-T63-0-24P

4. Use (Define need for, intended use of, and/or anticipated results of data) Identifies reporting Security which affect the Contractor's facility and/or personnel and also ensures compliance with applicable NASA and DOD security regulations involving industrial, information, personnel and administrative/program security.

5. DRD Category: (check one) ☐ Technical ☒ Administrative ☐ SR&QA

6. References (Optional)

7. Interrelationships (e.g., with other DRDs) (Optional)

8. Preparation Information (Include complete instructions for document preparation)

A. Provide the following information, in writing (reports, letters, notification), in accordance with the security regulations identified as applicable documents in paragraph C. of this DRD:

1. Personnel Security:

- 1.1 Change in an employee's status who is participating in JSC special access programs such as the Information Technology (IT) Security Program (i.e., name, marital status, citizenship, death, termination of employment, different position or work assignment/ relocation, employee becomes a representative of a foreign interest, etc.).
- 1.2 Adverse information reports on all non-US employees and employees participating in the IT programs at JSC (i.e., criminal activity, psychological counseling, positive drug testing results, alcohol abuse/ DUI/DWI, etc.).
- 1.3 Copies of any written reports submitted to the FBI regarding information coming to the Contractor's attention concerning actual, probable, or possible espionage, sabotage, or subversive activities at any of the Contractor's locations.
- 1.4 Any "ACI" (Administratively Controlled Information) and/or "FOUO" (For Official Use Only) information released outside a Contractor's facility, except to NASA representatives.
- 1.5 Suspicious contacts -- efforts by any individual to obtain illegal or unauthorized access to export controlled data, and all contacts by employees with JSC special program access with known or suspected intelligence officers from any country, or any contact which suggests that the employees concerned may be the target of an attempted exploitation by the intelligence services of another country.

2. Administrative/Physical Security:

In compliance with established internal procedures, the Contractor FSO or security manager shall submit a "Contractor Termination Letter" to the JSC Security Office for each affected employee which includes the return of the referenced property or certification that the following Government property was returned or destroyed and/or program participation was canceled:

- 2.1 Badge(s)
- 2.2 CAA (Controlled Access Area) Card(s)
- 2.3 Decal(s)
- 2.4 Key(s)
- 2.5 Employee's Participation in Reserved Carpool Program
(Identify reserved carpool space number) _____
3. Other Reportable Incidents (Information Required):

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

-
- 3.1 Felonies committed by Contractor personnel.
 - 3.2 Espionage or Sabotage.
 - 3.3 Bombing incidents at Contractor facilities, or threats which severely impact contract or Center activities.
 - 3.4 Actual demonstrations/strikes (in or outside JSC gates) or planned demonstrations or strikes where violence involving Contractor personnel is threatened.
 - 3.5 Workplace violence (shootings or other violent acts).
 - 3.6 Any type of incident occurring on NASA/JSC property which results in the death of a person.
 - 3.7 Security-related incidents in which the media has become involved and negative publicity is expected.
 - 3.8 An adverse event in an automated systems environment that would be of concern to NASA management due to potential public interest, embarrassment, interruption to computer/network services or protective controls, damage, disaster, discovery of a new vulnerability, etc.
 - 3.9 Threats against NASA property and personnel.
 - 3.10 Threats that impact NASA missions.
 - 3.11 Any other type of incident that might have security implications.
- B. The requested information (reports, letters, notification) identified in A. shall be mailed/delivered to the Chief, JSC Security Office, Mail Code JA14.
 - C. Applicable Documents
 - 1. NPG 1620.1, NASA Security Procedures and Guidelines
 - 2. JSCM 1600D, JSC Security Manual
 - 3. SMD 500-9, Personnel Security Screening

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Information Technology Security Plan	N/A	AN-1-15	RFP9-BJ32-T63-0-24P
4. Use (Define need for intended use of, and/or anticipated results of data) These plans are to be used to ensure that the implementation or maintenance of Information Technology systems follows Government policies and reduces the vulnerability of the Government to IT security risks.			
5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional)		7. Interrelationships (e.g., with other DRDs) (Optional)	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert35]:

Scope: The purpose of this report is to provide an IT Security Plan that indicates how IT security will be managed for the systems the Contractor will use. It includes all the components that make up the Management Information System and will include all new programs, equipment and functions that are added (see Section J, Attachment K, IT Systems).

Frequency: Plan shall be submitted within 90 days of start of the contract for any systems that tie into or interface with any Government systems. Thereafter it shall be submitted whenever changes are proposed in the IT system that interact in any way with Government IT systems.

Distribution: Electronically.

Format: Follow example in JPG 2810.1, JSC Information Technology Security Handbook.

Details: Detail in the plan all information as called for in JSC Procedures and Guidelines (JPG 2810.1), JSC Information Technology Security Handbook. Things that are addressed in the plan include, but are not limited to, a description of the system change, who will make the changes, the schedule for the changes, a risk assessment of data integrity, who will have access to the data, and other data appropriate to the changes. The plan is considered sensitive and must be protected by the Contractor.

References: JPG 2810.1, JSC Information Technology Security Handbook.

Maintenance: Report is to be reviewed per requirements in JPG 2810.1, JSC Information Technology Security Handbook and updated before system configuration changes.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title Workload Data Collection Report	2. Current Version Date Per RFP	3. DRL Line Item No. AN-1-17	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) To provide workload data collection for all identified work.			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional) None		7. Interrelationships (e.g., with other DRDs) None	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert36]:

Comment [Insert37]:

Comment [Insert38]:

Scope: The purpose of this report is to provide a record of the actual effort expended on the COSS contract. Data for this DRD will be collected at the CLIN level for Maintenance and Repair, Annex 2, as identified in the table below and at the sub annex level for all other Annexes identified in the table. This data will be used to scope the follow-on contract as well as to monitor current contract status.

Frequency: Report shall be submitted by April 20 of each contract year reflecting the data for the previous year.

Distribution: One electronic and one hardcopy to the CO and the Maintenance & Repair *TMR.

Format: The data shall be presented using Microsoft Excel or Access. See the table shown below for format.

Details: Items that are to be included in the report by year are: a) the types of personnel classifications performing the work, b) the number of hours expended by year for each classification, c) the cost of material purchased and subcontract effort to perform the work. The costs shown are to be bare costs only without any markups. Subcontractors/team members that perform continuous annex functions at *JSC during the life of this contract shall also provide the same information (a, b, and c above). All other subcontractors with an intermittent presence at *JSC shall provide cost data only for the Subcontractor / Vender column. In case of any conflict as to whether a contractor has a continuous presence the Contracting Officer will make a determination.

Maintenance: The report shall be reviewed with the Government yearly to determine scope increases or decreases.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

COSS WORKLOAD DATA

Reporting Category	Personnel Classification	Labor Hours	Materials or Supplies	Subcontracts / Vendors
Annex 1 - Admin Support				
1.2 Work Management and Control				
1.5 Installation - Acct Gvmt Property				
1.6 Quality Control				
1.13 Records, Reports, Submittals				
1.X All Other Annex CLINs				
Annex 2 - Maintenance and Repair				
2.2.2 Scheduled Maintenance				
2.2.3 Equipment Inventories				
2.2.4 Equipment Identification				
2.2.5 Pressure Systems Support				
2.2.6 Light/Lamp Replacement				
2.3.1 Repair Equipment				
2.3.2 NSE Emergency Response				
2.3.3 Critical Spares Management				
2.4 Maintenance Activation Program				
2.5 Warranty Program				
2.6 Availability and Reliability				
2.7 Reliability Centered Maint				
2.9 Records, Reports, Submittals				
2.X All Other Annex CLINs				
Annex 3 - Directed Services				
3.2.1 Surface Painting & Signage				
3.2.3 Special Events				
3.3.2 Facility Condition Assess Program				
3.3.3-9 FCA Inspection				

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

3.5 Records, Reports and Submittals				
3.X All Other Annex CLINs				
Annex 4 - Operations				
4.2.1.1 - 4.2.2.1 - 4.2.3.1 Steam and Condensate Return (include subCLINs)				
4.2.1.2 - 4.2.2.2 - 4.2.3.2 Electrical Systems (include subCLINs)				
4.2.1.3 - 4.2.2.3 - 4.2.3.3 Chilled Water Production & HVAC (include subCLINs)				
4.2.1.4 - 4.2.2.4 - 4.2.3.4 Potable Water (include subCLINs)				
4.2.1.5 - 4.2.2.6 - 4.2.3.5 Compressed Air (include subCLINs)				
4.2.1.6 - 4.2.3.6 OCC and EMCS (include subCLINs)				
4.2.1.7, 4.2.3.8 Fuel System (include subCLINs)				
4.2.2.5 Sanitary Sewer System (include subCLINs)				
4.2.2.7 - 4.2.3.7 Natural Gas (include subCLINs)				
4.2.3.9 Utility Support (include subCLINs)				
4.X All Other Annex CLINs				
Annex 5 - Engineering				
5.2 Scope of Work				
5.3, 5.3.1, 5.4 Eng Des, Fld Des, SSDR				
5.5, 5.6 MFDU / RVR				
5.8 Inspec, Perm, Doc Services				
5.9 Facility Housing Plans				
5.10 Fire Evacuation Plans				
5.11 Real Property Acct				
5.12 SPECINTACT Syst Maint				
5.X All Other Annex CLINs				
Annex 7 - Grounds Maintenance				

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

Annex 7 Total				
Annex 8 - Information Technology				
8.2 Main Frame Appl Support				
8.3 CMMS				
8.4 Environ Management IT Support				
8.5-7 EMCS, Sys Ops/Maint, OSAAC				
8.8 Facility CAD System / Space Util				
8.9 Other Applications				
8.10 NEMS Scanning System				
8.11 IT Security				
8.12 DOC / IT Help Support				
8.13 Records, Reports, Submittals				
8.X All Other Annex CLINs				
Annex 9 - Environmental Program				
9.3 Indust Solid Wst Manag Prog				
9.4 Air Quality Program				
9.5 Water Poll Cntl and Prev Prog				
9.6/7 Lead & Asbestos Program				
9.8 Petro Storage Tank Prog				
9.9 Groundwater Prot Prog				
9.10 Emer Spill Response				
9.11 Poll Prev and Resource Conserv				
9.12 Comm., Train., and Partic in WG				
9.13 Environ Mgmt System				
9.14 Toxic Substances Cntl Act				
9.16 Records, Reports, Submittals				
9.X All Other Annex CLINs				
Annex 10 - Supply				
10.2 Supply Systems				

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

10.3 Office Furnishings				
10.4 Radio Comm				
10.X All Other Annex CLINs				
Annex 11 -Property and Equipment				
11.2 NEMS Accountability				
11.3 Customer Service				
11.4 Redist and Util Ops				
11.X All Other Annex CLINs				
Annex 12 -Transportation				
12.2 Moving and Hauling Services				
12.3 Packing and Shipping				
12.4 Rigging and Heavy Hauling Serv				
12.5 Driver Services and Vehicle Ops				
12.6 Receive/Deliver Inbound Freight				
12.X All Other Annex CLINs				
Annex 14 - Custodial				
Annex 14 Total				

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title Fixed Price Award Proposal	2. Current Version Date Per RFP	3. DRL Line Item No. AN-1-18	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) To provide the Government a proposal to convert all or part of the COSS contract to firm fixed price.			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional) None		7. Interrelationships (e.g., with other DRDs) None	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert39]:

Comment [Insert40]:

Comment [Insert41]:

Scope:

The proposal shall:

- Identify the portions of the statement of work proposed for conversion to firm fixed price. The proposal shall provide a clear rationale for each portion selected for conversion.
- Address any possible impacts to technical performance during the conversion and offer solutions to minimize those impacts.
- Identify and fully explain any terms and conditions of the converted contract.
- Provide a full, fixed price proposal for the work being converted. The proposal shall also provide all supporting cost data so the government can fully understand the composition of the price proposal.

Frequency:

One proposal shall be provided by the end of the first month in the third contract year.

Distribution / Format:

The proposal distribution (two electronic and six hardcopies) and format shall be per direction by the Contracting Officer.

Details:

The specifics of the proposal contents shall be identified by the CO six months prior to submittal.

References:

N/A

Maintenance:

N/A

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title NF533 Cost and Data Reporting	2. Current Version Date July 19, 2001	3. DRL Line Item No. AN-1-19	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) To collect costs and workload data for all contract work.			
5. DRD Category: (check one) <input type="checkbox"/> Tech. <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional) None		7. Interrelationships (e.g., with other DRDs) (Optional) None	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert42]:

Comment [Insert43]:

Comment [Insert44]:

Scope:

The NASA Form 533 (NF533) reports provide data necessary for the following:

1. Projecting costs and hours to ensure that dollar and labor resources realistically support project and program schedules.
2. Evaluating contractors' actual cost and fee data in relation to negotiated contract value, estimated costs, and budget forecast data.
3. Planning, monitoring, and controlling project and program resource
4. Accruing cost in NASA's accounting system, providing program and functional management information, and resulting in liabilities reflected on the financial statements.

Cost is a financial measurement of resources used in accomplishing a specified purpose, such as performing a service, carrying out an activity, acquiring an asset, or completing a unit of work or project. ****NASA Contractor Financial Management Reporting, NASA Procedures and Guidelines (NPG) 9501.2C**, or its most current revision, identifies the cost reporting requirements for a contract.

The NF533 reports are the official cost documents used at NASA for cost type, price re-determination, and fixed price incentive contracts. The data contained in the reports shall be auditable using Generally Accepted Accounting Principles. Supplemental cost reports submitted in addition to the NF533 shall be reconcilable to the NF533.

Uncompensated overtime hours worked should be reported on NF533 reports as a separate line item or in the footnotes.

For contracts, which have multiple schedules, a summary NF533 is required to provide a cumulative from inception cost for the contract, regardless of schedule.

Frequency:

The due dates for the NF533M and NF533Q reports are outlined on page 3-2 of the NPG 9501.2C. The following is a summary of the NF533 due date requirements.

NF533M Due not later than 10 working days following the close of the contractor's monthly accounting period.

NF533Q Due not later than the 15th day of the month preceding the quarter being reported.

The due dates reflect the date the NF533 reports are received by personnel on the distribution list, not the date the reports are generated or mailed by the contractor. It is critical that the NF533 reports are submitted in a timely manner to ensure adequate time for NASA to analyze and record the cost into the

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

NASA accounting system. All data should be provided electronically in Microsoft Excel format. Timeliness shall be determined by the time the electronic submission arrives at the Cost Accounting Office, however, at least one signed hardcopy submission shall still be required.

Distribution:

LF6 Cost Accounting (1 electronic copy and 1 hard copy with signature)
BJ Contracting Officer (1 electronic copy and 1 hard copy)
LI3 Budget/Program Analyst (1 electronic copy and 1 hard copy)
JA Technical (1 electronic copy and 1 hard copy)

Format:

The reporting requirements outlined in this DRD shall include the following deliverables found in Section J, Attachment H:

- A) NF533M and Q roll up summary for the entire contract (Exhibit H-1)
- B) NF533M and Q subtotal breakout by annex (Exhibit H-2)
- C) Supplemental report breakout by identified key contract line items (CLIN) (Exhibit H-3)
- D) Supplemental report showing cost by task/delivery order for Annex 6 and Annex 13 (Exhibit H-4)
- E) Supplemental report showing workload metrics by CLIN (Exhibit H-5)

The NF533M forms are shown in the above exhibits and the NF533Q forms can be found in ****NASA Contractor Financial Management Reporting, NASA Procedures and Guidelines (NPG) 9501.2C.**

The attached sample formats, Exhibits H-1 to H-5 are examples of the proposed structure and format of the NF533 for this contract and are intended to closely though not exactly represent the final version. See sample NF533 formats for this contract in Section J, Attachment H, including reporting data in both fiscal year and contract year.

Details:

Accrual Methodologies

NASA is required by law to maintain accrual accounting, which requires cost to be reported in the period in which benefits are received, without regard to time of payment. This contract shall reflect different methodologies for reporting costs on the NF533 document. This is due to the distinctly different types of work authorized / contract fee type earned. All costs shall be reported through the NF533, whether fixed price or cost reimbursable in nature.

If required, subcontractor cost should be reported based on the same methodologies as the prime.

A) For Base Contract Statement of Work:

Firm Fixed Price Annexes 7 and 14 (Grounds and Custodial)

The accrual methodology for these annexes shall be set according to the fixed price of the entire annex, divided equally by the months during the period of performance. So, a 2 year fixed priced annex would report cost based on a twenty four -month reporting period, showing equal costs (1/24) in each month reported or estimated.

CPAF Annexes (Annexes 1,2,3,4,5,8,9,10,11,12)

The accrual methodology for these annexes shall be based on the actual costs incurred to date as of the month reported, along with an estimate for the listed future periods. This is more traditional "cost plus"

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

reporting. The information below, extracted from the NPG 9501.2C, indicates the appropriate accrual methodologies for specific elements of cost.

Cost Element

Labor

Reported to NASA as hours are incurred.

Equipment & Materials

Generally reported to NASA when received and accepted by the (commercial off the shelf) contractor.

Manufactured Equipment

Defined as any equipment that is produced to specific requirements that make it useless to anyone else without rework. Cost should be reported to NASA as the equipment is being manufactured. The straight-line method for estimating accrued costs or the use of supplemental information obtained from the vendor are acceptable methods used to calculate the cost accrual amount.

Leases

Reported to NASA using a proration over the life of the lease.

Travel

Reported to NASA as costs are incurred.

Subcontracts

Actual and estimated costs reported by prime contractors shall include subcontractors' incurred costs for the same accounting period. Where subcontract costs are material, they should be separately identified on NF533 reports. The prime contractor shall include in the total cost of each subdivision of work the accrued cost (including fee, if any) of related subcontractor effort. Subcontractors should, therefore, be required to report cost to the prime contractor, using the accrual method of accounting. If the G&A and fee reported by a subcontractor are at the total subcontractor level, these costs shall be allocated to specific sub-divisions of work. Data submitted by the subcontractor should be structured similar to the prime contractor's NF533 to enable the prime contractor to properly report to NASA. For Firm Fixed Price subcontracts with a contract value greater than \$500,000, the prime contractor is required to document the methodology used to generate the sub-contractor costs reported and provide this information to the Contracting Officer and Center Deputy Chief Financial Officer (Finance).

Unfilled Orders

Reported as the difference between the cumulative cost incurred to date and amounts obligated to suppliers and subcontractors.

Fee

Should be accrued as earned using a consistent and auditable method to determine the amount. For example: an acceptable method would be to use historical data to determine the amount to accrue each month. Fee should be reported on the NF533 following the "Total Cost" line. Award fee shall be reported by the following categories: Base Fee, Fee Earned, Interim Fee, Provisional Fee, Potential Additional Fee, and Total Fee. If any of the above fee categories do not pertain, they should not be included in the NF533.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

Prompt Payment Discounts

Cumulative cost reported to NASA should be the full-incurred cost. The prompt payment discount amount taken should be reported as a separate line item on the NF533 below the cumulative cost amounts for the contract.

B) For Indefinite Delivery / Indefinite Quantity (IDIQ) work:

Firm fixed Price IDIQ (Annex 6)

The accrual methodology for this annex shall be identified according to the individual delivery order instructions. The cost reported on the NF533 shall be based upon either: 1) cost at completion (therefore, there shall be no cost reported prior to the actual completion and Government acceptance of the job), or 2) as work in process as identified on each delivery order for some types of work, (therefore getting partial credit for percentage complete prior to 100% completion of task).

In addition to the contract and annex level reporting required in Exhibits H-1 to H-3, detailed reporting by delivery order shall be required (Exhibit H-4).

CPAF IDIQ (Annex 13)

The accrual methodology for this annex shall be based on actual cumulative costs incurred to date as of the month reported, along with an estimate for the listed future periods. This is more traditional "cost reimbursable" reporting. Additional direction may be found on the delivery order itself.

In addition to the contract and annex level reporting required in Exhibits H-1 to H-3, detailed reporting by delivery order shall be required (Exhibit H-4).

Workload Reporting

The contractor shall provide a monthly report with workload performance metrics by CLIN. The monthly report shall be due on the same date as the NF533, and shall reflect the same period of performance. Workload metrics shall be provided for each CLIN, and shall be subtotaled at a level that is consistent with the cost reporting at the sub-annex level. A sample format is attached for reference (Exhibit H-5).

Baseline NF533

An initial NF533 report is required in the NF533Q format to be used as a baseline for the life of the contract. The initial (baseline) NF533Q report shall be submitted by the contractor within 30 days after authorization to proceed has been granted. The initial report shall reflect the original contract value detailed by negotiated reporting categories and shall be the original contract baseline plan. In addition to the initial (baseline) report, monthly NF533 reporting shall begin no later than 30 days after the incurrence of cost.

Column 7b (planned cost incurred/hours worked for the month) and 7d (cumulative planned cost incurred/hours worked) of the NF533M (Exhibits H-1 and H-2) represent the negotiated baseline plan for the contract. There may not be a relationship between the estimates provided in columns 8 of the NF533M to columns 7b and 7d. Columns 7b and 7d represent the legally binding contract negotiated baseline plan plus all authorized changes.

Short and long-term cost estimates, which include all data entered in columns 8 and 9a on the NF533M and NF533Q reports, shall be based on the most current and reliable information available. For Exhibit H-3, the annual funding limit (Column 8e) shall reflect the results of the annual budget and content planning process described in annex 1 and any subsequent changes throughout the fiscal year.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

Prior period cost adjustments should be reported in column 7a and 7c of NF533M and column 7a of the NF533Q with a footnote discussing the reasons for and amounts of the adjustments

Monthly NF533 reporting is no longer required once the contract is physically complete, provided the final cost report includes actual cost only (no estimates or forecasts). The contractor shall continue to submit monthly NF533 reports as long as estimates for the following period are included. If the final cost of a contract changes after the submission of the "final" contractor cost report, the contractor shall submit a revised NF533 report in the month the cost change is recognized.

References:

****NASA Contractor Financial Management Reporting, NASA Procedures and Guidelines (NPG) 9501.2C**

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Annual Facility Condition Assessment Report	2000	AN-3-1	RFP9-BJ32-T63-0-24P

4. Use (Define need for, intended use of, and/or anticipated results of data)
The Annual Facility Condition Assessment Report provides NASA Headquarters reporting data on the state of repair of the JSC site physical plant.

5. DRD Category: (check one) ☒ Technical ☐ Administrative ☐ SR&QA

6. References (Optional)

7. Interrelationships

8. Preparation Information (Include complete instructions for document preparation)

Comment [Insert45]:

Scope: Facility Condition Assessment Report.

Frequency: Annually in September of each year.

Distribution: One hard copy and one electronic copy to the JSC Planning Integration Office

Details: Annual Facility Condition Assessment Report.

The Contractor shall provide an Annual Facilities Condition Assessment Report in September of each year.

The report shall contain the type of information exemplified in ****Facility Condition Assessment Report** (copy in the TRL). This information is generally described below. Information in bold is new information needed in addition to what is shown in the TRL.

This includes but is not limited to:

Report Summary

- 1) Summary cost report by discipline
- 2) Summary cost report by component

Reports Generated by Building

- 1) Cost vs. current replacement value by building.
- 2) Cost report by building and by year inspected. (5 years and total)
- 3) Cost report by building and by discipline. (summary)
- 4) Backlog of Maintenance and Repair and other calculations or data required by NPG8831.2C.

Detailed Report

- 1) Provide for each facility inspection a facility narrative that contains the building description, and outlines Structural, Electrical, Mechanical, and other deficiencies.
- 2) Provide a photograph of the facility.
- 3) Provide a facility craft cost summary.
- 4) Provide a facility system cost summary.
- 5) Provide a facility deficiency detail list.
- 6) Provide the equipment operational status.
- 7) Provide the equipment installation date.
- 8) Provide information on equipment obsolescence.
- 9) If the equipment was replaced through a project, provide the project number. Information for items description shall include equipment ID, equipment number, year for scheduled work, inspection year, priority and labor, and material and total cost to perform the work.
- 10) For equipment that is identified for replacement, the description shall provide information on the reason for the needed replacement. (Ex. Parts no longer available, unit is corroded beyond repair, etc.)

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

-
- 11) Provide photographs of equipment scheduled for replacement when those pictures would help support the replacement description.

The detailed report shall include information from previous years inspections to include a total report for all facilities.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Water Utility Report	1/30/01	AN-4-1	RFP9-BJ32-T63-0-24P

4. Use (Define need for, intended use of, and/or anticipated results of data)

This report will provide the Government with the information needed to initiate TNRCC required reports and documentation and to assess the operability of the water utility system.

5. DRD Category: (check one) ☒ Technical ☐ Administrative ☐ SR&QA

6. References (Optional)

7. Interrelationships

Comment [Insert46]:

8. Preparation Information (Include complete instructions for document preparation)

Scope: The purpose of this report is to document all information associated with the water plant and distribution system.

Frequency: Monthly.

Distribution: One electronic copy to the CO.

Details: Water Utility Report.

This report shall document all the information associated with the water plant and distribution system. The report shall summarize activities from the water operators log. It shall include meter readings, log information, inspection information, chemical treatment records, and sample analysis. It shall include copies of all flushing logs as required by the approved flushing program. Any new water connections/disconnections shall be noted along with all system outages and any significant maintenance activities. The report shall note all inspections and information associated with meeting the requirements of TNRCC Chapter 290 Rules and Regulations for Public Water Systems. Submit one electronic copy of the report to the CO by the 10th of each month for the previous month's activity.

References: None.

Maintenance: Monthly report and data used to generate the report shall be archived by the Contractor.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title Mission Readiness Plan	2. Current Version Date None	3. DRL Line AN-4-2	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) This plan defines the work effort allowed and necessary and the controls put in place to assure compliance with NASA requirements.			
5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional) See TRL references below		7. Interrelationships (e.g., with other DRDs) (Optional) See Annex 4	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert47]:

Comment [Insert48]:

Provide a Contractors Mission Readiness Plan that spells out the functions (pre-mission, during mission, and post mission), buildings, support requirements, personnel, and operational plans that will be used to provide day-to-day and emergency support to the Shuttle flight program. The plan shall be submitted to NASA for approval 60 days from award of contract. The plan shall include operating policies for mission support, listings of facilities requiring special attention, Contractor functional interfaces, mission staffing support, and activity task lists. The plan will define the general operating policies and supporting plans of the COSS, the implementation and management of the general operating procedures and supporting plans and tasks for Mission Readiness. The plan shall address the period from 30 days prior to launch to 1 day after landing (T-30 to L+1). For Shuttle Flights, the critical period requiring Mission Exceptions is defined as T-7 to L+0. The plan shall include all reference documents, quality records, Operations Directives, general operating procedures, and standing operating procedures.

Purpose: The Mission Readiness Plan shall include a general statement as to the purpose of the plan to define support services of the COSS Contractor for Mission Support.

Scope: The Mission Readiness Plan shall address all support services and individual operating policies within the functional responsibility of the COSS including Maintenance, Operation, Construction, Procurement, Logistics, Environmental, and Grounds.

Policy and Plan Content: The Mission Readiness Plan shall also include the General Maintenance and Operations Policy. As a minimum, the Mission Readiness Plan shall detail the following:

1. Prime and backup utilities to include Buildings 24, 28, and 48/30M. For planning purposes the Mission Control Center Complex is defined as the mission operation wings of 30M and 30S.
2. All operating procedures, Mission Readiness Checklists, and Mission Rules.
3. Representatives for all Mission readiness meetings defined in Annex 4.
4. Maintenance of all mission related correspondence and documentation.
5. Staffing, Manning, and Leave coordination during T-30 to L+1. Explain how the Plant Operations Engineers for each shuttle mission are to be scheduled for rotating shift work and tour of duty from T-14 to L+4 (required per the COD Space Shuttle Mission Support Plan).
6. Normal Equipment configuration.
7. Configuration adjustments to accommodate the JSC Hurricane/Severe Weather Plan.
8. Health Stabilization support to be provided in accordance with the JSC Flight Crew Health Stabilization Program (FCHSP) from T-14 through crew departure.
9. Review and maintenance of mission critical spares.
10. Procurement activities to ensure that the mission critical support requirements are met. Explain how your organization will ensure mission critical parts required for preventive maintenance and repairs are met. This explanation shall include expediting actions to ensure timely purchase, delivery, and receipt.
11. A complete listing of Mission Critical/Sensitive Buildings. (See ****STS Fact Sheet** in the TRL).

The General Operating Policy shall include the Management responsibilities specific to Mission Support for the Project Manager, Division Managers, Work Control Supervisors, Craft Superintendents, Plant

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

Operations Engineers, Operators, and craft personnel. Individual Operating Policies for Maintenance, Operations, and Construction shall be incorporated into the General Operating Philosophy and shall include the following:

1. **Maintenance Operating Policy:** Identify the review process and supervisory control of maintenance activities for daily maintenance activities scheduled before and during the mission period. Control of maintenance activities shall include a daily review of all tasks performed by the Contractor in mission critical areas or areas which could potentially interrupt utility services to mission critical areas.
2. **Operations Policy:** Identify training requirements of both Operations Engineers and Operators for the Mission Control Center and Power Plant. Indicate how the COSS will monitor and control the utility systems in Buildings 30M and 30S and coordinate with the Operators. Detail the startups and shutdown restrictions and coordination requirements. Explain how you will monitor and control restricted operations. Restricted operations will include identification of large motor startups and high voltage switching activities at a minimum.
3. **Construction Operating Policy:** Explain how you will notify, monitor, inspect, and control all construction activities within mission periods. All on-site construction support and sub-contractors must be included in the Operating Policy. Restrictions for construction activity shall be detailed, and include the minimum restrictions in accordance with the ****STS Fact Sheet**. Policy shall address excavation, boring, and lifting activities.

Maintenance: The plan shall be updated at least once per year or more often if flight support requirements change.

See **** "Center Operations Space Shuttle Mission Support Plan"** dated June, 2000, for items that need to be in the Mission Readiness Plan called for in this DRD. The plan shall include the activities, functions, assignments, and action items listed in the plan as well as any new items based on future facility changes or COSS contract requirements.

See **** "Memorandum of Understanding and Standard Interface Plan Between Center Operations Directorate and Mission Operations Directorate"** dated March 19, 2001 in the delineation of responsibilities, procedures, and working relationships between COD and MOD relative to the various services provided by COD. See ****Mission Readiness Plan for Space Shuttle BRSP Work Method**, WM-2200-003 dated January 1, 2000.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
JSC, Ellington Field, and Sonny Carter Training Facility Fire Hydrant and Flushing Plan	1/30/01	AN-4-3	RFP9-BJ32-T63-0-24P

4. Use (Define need for, intended use of, and/or anticipated results of data)

This plan will be used to document the TNRCC required flushing and sampling program.

5. DRD Category: (check one) ☒ Technical ☐ Administrative ☐ SR&QA

6. References (Optional)

7. Interrelationships

Comment [Insert49]:

8. Preparation Information (Include complete instructions for document preparation)

Scope: The purpose of this report is to identify the fire hydrants and buildings which shall be flushed and to establish a schedule and flushing criteria.

Frequency: Initial plan shall be submitted within 30 days of contract start. Subsequent plans shall be submitted within 15 days of a plan update.

Distribution: One hard copy and one electronic copy to the CO.

Details:

This plan shall identify the fire hydrants and buildings which will be flushed to meet TNRCC Chapter 290 Rules and Regulations for Public Water Systems established criteria for flushing of water distribution systems. This includes the flushing of all dead end lines monthly and flushing of the system as needed to keep the required total chlorine residual. The plan for the JSC distribution system shall provide for chlorine levels which exceed TNRCC Regulations. A minimum chlorine residual of 2.0 total chlorine in all points of the distribution system and 1.0 total chlorine in the buildings shall be maintained at JSC. Levels at Ellington Field and Sonny Carter Training Facility shall meet TNRCC standards. It shall also include sampling of chlorine residuals to document required sampling locations for the monthly operational report. Operational prints, master utility plans, the existing flushing program, and PM's are available for reference. The plan shall incorporate American Water Works Association recommendations for implementation and optimization of distribution flushing programs.

The plan shall include the schedule and location to be flushed, and shall encompass daily, weekly, and long term flushing requirements. It shall include the development of log sheets to be used for daily activities which will provide for the chlorine residual analysis to be documented, along with the dates, times, and locations flushed.

References:

Maintenance: Maintain and update plan annually. Initial plan shall be updated within 30 days after system configuration changes with subsequent plans submitted within 15 days of a plan change.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	Current Version	DRL Line	RFP/Contract No.
O&M Manuals for Water Supply Systems at JSC and Ellington Field	Date 1/30/01	Item No. AN-4-4	(Procurement completes) RFP9-BJ32-T63-0-24P

4. Use (Define need for, intended use of, and/or anticipated results of data)

These manuals serve as operational guidelines, documentation, and instruction for operation of the water distribution system.

5. DRD Category: (check one) ☒ Technical ☐ Administrative ☐ SR&QA

6. References (Optional)

7. Interrelationships

Comment [Insert50]:

8. Preparation Information (Include complete instructions for document preparation)

Scope: The purpose of this report is to establish the requirement for maintaining up-to-date O&M manuals for the Water Supply Systems at JSC and Ellington Field.

Frequency: Initial manuals to be updated and submitted within 90 days of contract start. Updates to be completed and incorporated within 15 days of field change or system modification. Update all major system changes within 90 days.

Distribution: One hard copy and one electronic copy to the CO upon each update.

Details: There are currently three volumes of ****Operational and Maintenance Manuals for the Water Supply System at JSC and Ellington Field, Part I, Part II, and Part III.** All information in the manuals shall be kept up-to-date to reflect the most current operational conditions, operational procedures, and equipment.

References: None.

Maintenance: O&M manuals to be electronically developed and maintained.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title EMCS Alarm Management Plan	2. Current Version Date 5/23/96	3. DRL Line AN-4-5	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data)			
5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional)		7. Interrelationships (e.g., with other DRDs) (Optional)	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert51]:

The purpose of this plan will be to define the responsibilities and actions of the Contractor required to identify new actions and to maintain a manageable EMCS alarm activity.

General Information: Maintenance, energy conservation, construction activities, or changing operational modes require modifications in the EMCS point characteristics. The tagout/tagin, sensor inhibit, and limit change functions serve as a mechanism to modify the point characteristics and minimize alarms generated by EMCS computer system. The EMCS system allows for some points to inhibit others from generating alarms. Points are normally inhibited when equipment is shut down. An ancillary function of the inhibit process is to allow points to be tagged out such that they cannot generate any alarms. Tagged out or inactive points are screened out of alarm reporting process; all other processing for the point proceeds as normal. The limit change function modifies the point at which alarm occurs.

Purpose: The Alarm Management Plan shall detail the primary objectives to minimize alarm activity without impacting safety, equipment damage, operations, and maintenance requirements specified in COSS contract.

Contents: The Contractor shall prepare, submit, implement, accomplish, and maintain an EMCS Alarm Management plan (EAM). The plan shall be submitted to NASA for approval 60 days from award of contract. The plan shall facilitate all data, reports, applications, procedures, and logs being functional 4 months after contract start date. The EAM plan shall detail all plans, procedures, and processes the Contractor shall implement, accomplish, and maintain to provide the intended results of the EAM requirements. The plan shall list implementation schedule including all milestone elements by description and providing start and completion dates for each. The plan shall detail methods, procedures, processes, and controls that will be implemented and further accomplished to meet the intent of SOW in Annex 4.2.1.7.1.b titled Man and Operate the EMCS – Two systems Honeywell EBI and SCTF System 20/20.

The plan will address the following additional requirements, as a minimum:
Identify all methods, procedures, processes, and controls you will use to:

- Ensure a clean and manageable alarm file.
- Manage EMCS alarm activities in accordance with SOW requirements.
- Implement/maintain modifications to EMCS points when field conditions require change.
- Reduce and report to the EMCS Operations Review Board (EORB) repetitive or nuisance alarms.
- Control/limit only authorized personnel to modify point-operating characteristics. Note: All changes to limits and to critical points or systems shall be approved by COTR.
- Maintain and update existing SOP's for Sensor Inhibit, Sensor/Control, Tagout/Tagin, and Limit Changes.
- Identify, control, and track equipment monitored by EMCS when placed out of service due to maintenance, equipment failures of energy management system, operational mode changes, facility activation, and construction activities.
- Operate EMCS to assure operators are in control of equipment.
- Respond to alarms based on type and category, corrective actions; provide notifications, and document/control changes.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

- Determine the optimum selection criteria (inhibit, tagout, change limits) to modify the point characteristics based on identified anomalies.
- Maintain a minimal amount of alarms. Provide plan to minimize: (a) alarm acknowledgments per Operator Change Shift, (b) outstanding alarm list, and (c) Alarm Tagout list.
- Acknowledge and respond to alarm conditions (critical, non-critical) within the alarm operational time limit requirements of the SOW.
- Maintain the electronic files for Government access.

The Contractor EAM plan must provide alarm management data, reports, and application processes to support the activities, configuration management, and metrics necessary to comply with requirements stated in this DRD. All data, reports, applications, and programs shall be implemented within 4 months of contract start date.

Maintenance: The Contractor shall continuously maintain electronic on-line access to the data required in this DRD. All data, reports, applications, and logs shall be available for on-line Government access. All data elements, applications, and reports shall be maintained in Microsoft ACCESS data. All data or reports shall be maintained to provide historical data necessary to review an audit trail of all activities, changes, additions, or deletions. Update all data, files, reports, and programs when action requires alarm management configuration changes at time of occurrence.

Report Requirements: All reporting requirements will be submitted to the Government in an electronic format. Report requirements are as follows:

Tagin/Tagout Activity Report shall be required at the first EORB meeting of each month and shall contain the following information:

- Disabled point
- Point description
- Date/time point was disabled
- Identification of operator disabling point
- Reason for point being disabled
- Estimated date point is to be returned to service
- Date of point enabled (tagged in)
- Identification of operator enabling point
- Action taken to restore point to service

Sensor Inhibit Configuration and Report shall provide and maintain sensor inhibited point configurations. This shall be in the format of an application program allowing the query of entire database by selected functions to request sensor inhibition point configuration information. Functions include listing the entire database or a selected function grouped as building, unit, point, tag name, point description, or system. Data should include a PC application that lists the entire database or lists a selected query function grouped as building, unit, point, tagnames, or system. Data should include the points inhibited, date inhibited, the inhibitors, and reason for inhibition. When points are removed from inhibition, store on historical data configuration file, with date/time points were removed from inhibition, and reason point was removed from inhibition. Application shall be made available for Government access. Report configuration changes at the weekly EORB.

Operational Alarm Log (OAL) Report shall provide and maintain an on-line operational alarm log (OAL) that displays to the EMCS Operators or Government users via PC the following:

- Date/time point went into alarm,
- Tagname,
- Point description,
- Current value,
- Limit exceeded (if analog),
- Time alarm was acknowledged,

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

- Remedial action,
- Corrective action to resolve alarm.

EMCS point alarm activities report shall provide a summation report of all EMCS point alarm activities at the first EORB of each month. Include in summary the following:

- Point tagname,
- Point description,
- Date/time point went into alarm,
- Date/time point was acknowledged,
- Number of times point alarmed/day/week/month,
- Number of hours point stayed in alarm/day/week/month,
- Remedial action taken,
- Corrective action to resolve alarm,
- Average temperature/humidity between hours (6 a.m. to 6 p.m.) and between (6 p.m. to 12 a.m.),
- Non-operation or malfunctioned EMCS devices, points, or systems for each building or field system monitored and controlled on the EBI.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title Environmental Compliance Plan	2. Current Version Date 3/01	3. DRL Line AN-9-1	RFP/Contract No. (Procurement completes) 9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) Establishes Compliance Plan for Contractors providing environmental support to JSC organizations and performing work impacting the environment. ***The Office of Primary Responsibility for this DRD is the JSC Environmental Office			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional)		7. Interrelationships (e.g., with other DRDs) (Optional) See block 8. below	
8. Preparation Information (Include complete instructions for document preparation)			

Scope: The Environmental Compliance Plan shall describe, explain, and document (a) how the COSS Contractor will structure and manage its own in-house activities and personnel to ensure compliance with all environmental requirements per Annex 1- Administrative Support, and (b) how the COSS Contractor will meet the requirements called for by the Government to support site-wide environmental activities per Annex 9- Environmental Programs. The Environmental Compliance Plan shall be submitted with the Contractor's proposal. The CO will approve the plan concurrent with Contract.

Maintenance: Update and maintain the Environmental Compliance Plan to ensure it remains compliant with applicable environmental requirements. The Contractor may revise the plan at any time or at the direction of the Government, however, the plan must be reviewed and revised at least once per contract year to include new regulations/ policies and process improvements. Revisions are subject to Government review and approval. Distributions of approved revisions will be as described below. Provide plan updates within 15 days after receipt of applicable contract modifications or whenever a change to the plan is proposed.

Distribution. Provide 20 copies of the Environmental Compliance Plan with submission of the proposal, 5 updated copies to CO 15 days prior to contract start, and 5 final copies within 15 days of any approved plan updates or changes. In all cases, provide one electronic copy along with the hardcopies. The Contractor will distribute copies to the following:

JSC Occupational Safety and Quality Assurance Branch (1 copy)
JSC Occupational Health Officer (1 copy)
JSC Environmental Office (2 copies and 1 electronic copy)
Contracting Officer's Technical Representative (1 copy)

Format:

1. Cover page - to include as a minimum the signatures of Contractor's project manager and designated environmental official (if different); NASA COTR; JSC Environmental Office representative, and the NASA Contracting Officer. Other signatures may be required at the discretion of the Government.
2. Table of Contents. See content below.
3. Body of plan – as required. Contractor's format is acceptable but should be traceable to the elements of the content below.
4. The plan will clearly identify those resources to be provided by the Contractor and provided by the Government. The supporting rationale shall be explained in the plan.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

Content:

1. **MANAGEMENT AND ORGANIZATION.**

- 1.1. **Organization.** Describe the management structure and organization, including lines of authority and identification of matrix responsibilities, which you will use to meet all environmental requirements of the contract. This includes functional responsibilities of management, environmental staff and line personnel for environmental compliance. Describe how the organization proposed will achieve the following: (a.) requirements for site-wide environmental programs in Annex 9; and (b.) requirements to ensure the COSS Contractor internally meets all environmental rules and regulations, and environmental program objectives. Describe the functional relationships between COSS and JSC's Environmental Office and between COSS and other JSC organizations and Contractors. Include a description of any relationships between those organizations. Identify how the management structure will ensure lack of conflict of interest between COSS Contract management goals, objectives, and other Annex requirements and JSC environmental requirements.
- 1.2. **Staffing:** Describe how you will provide an adequate number of qualified personnel to fulfill the requirements of the site-wide environmental program and ensure that all COSS activities, facilities and equipment are compliant with all applicable environmental requirements (Annex 1.11). State the number of staff required, their minimum qualifications, how professional qualifications and credentials of personnel will be maintained, and ensuring that staffing levels and quality is maintained.
- 1.3. **Training.** State how environmental staff will be trained to be in compliance with and to stay proficient in all new and existing rules and regulations. In addition, describe how COSS non-environmental employees will be trained to ensure compliance with new and existing rules and requirements as they apply to individual job functions (e.g., procurement officials trained on affirmative procurement requirements or operators, laborers or maintenance workers who operate or repair equipment that could have an environmental impact trained on RCRA or SPCC requirements).
- 1.4. **Professional Resources.** Discuss your access to environmental professional resources. Discuss their roles and qualifications and training. Describe how support will be provided to JSC for environmental areas where there is no in-house expertise. This includes but is not limited to; identification of resources available or that will be used, how qualified subcontractors will be selected and their work reviewed, the methods used to ensure subcontractor work is adequate, training of subcontractors in environmental requirements applicable to their activities, collections of required information (e.g., hazardous materials usage information to be included in annual reports, paint usage records, or other environmental records or documents).
- 1.5. **Procedures and Processes.** Describe your procedures and processes for reviewing, approving, and documenting environmental compliance by COSS contractor personnel and all COSS subcontractors and for implementing all contract requirements to ensure site-wide compliance. This includes but is not limited to; the use of inspections, reporting, customer assistance, quality assurance and quality control procedures, cease and desist authority, and corrective action. Describe how environmental impacts and regulatory requirements will be identified before they occur and how to ensure controls and mitigations will be developed and employed to ensure compliance and adherence to policy and procedures for any activity undertaken, including: design; specification development and purchasing; projects and programs; construction; operation, maintenance and repair of equipment and facilities; grounds-keeping; custodial services, logistics; and supply. Provide a copy of the Environmental Planning Checklist or other mechanism you plan to use for identification of impacts and identification of environmental requirements. Describe how it will be applied, reviewed, updated and kept on file and what procedures you will use to monitor and ensure effectiveness. Describe and provide documentation, such as an example contract, showing how environmental requirements will be incorporated into all you subcontracts. Describe the performance criteria that will be used to

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

evaluate your compliance and your subcontractor's overall compliance, with the environmental program, goals, and objectives.

- 1.6. Interfaces. Describe how you will interface with the JSC Environmental Office and other JSC organizations and Contractors regarding environmental related work (for example, how you will provide technical assistance, environmental awareness information, process improvements, enhanced compliance and participation on JSC and NASA work groups).
2. **POLICY, GOALS AND OBJECTIVES.**
 - 2.1. Policy. State your environmental policy statement. The policy shall state the company's intentions and principles of commitment to environmental compliance, minimizing and preventing pollution, corrective action and methods of achieving continuous improvement. The policy shall be appropriate to the scale and impacts of the COSS Contractor and subcontractor's operations and activities. The policy shall address all environmental aspects over which the COSS Contractor has or can exercise control or may have influence. Describe how your environmental policy meets the intent, goals and objectives of JSC's Environmental Excellence Policy.
 - 2.2. Goals and Objectives. Identify how you will set and implement environmental goals and objectives for continually reducing and eliminating contaminants, wastes, discharges and emissions in the following elements (such as a written and communicated Pollution Prevention Plan): solid waste, industrial solid wastes, air emissions, wastewater, storm water, resource conservation, sedimentation and erosion control, and spill prevention. Identify methods and philosophies that will be incorporated as priorities, such as source reduction, hazard and toxic material reduction or elimination and recycling. Explain how the effectiveness of these methods and goals will be evaluated, measured, communicated, and updated. Describe how you will enhance and comply with requirements for: beneficial landscaping, composting, affirmative procurement, recycling programs, outreach programs, life-cycle cost analysis that considers environmental costs and requirements, elimination and substitution of hazardous and toxic materials purchased or specified in design specifications and standards for COSS and site-wide activities. These descriptions should include the means and methods you will use to aid JSC in maintaining compliance with rules and regulations and in achieving JSC goals and objectives. Describe how you will provide the government access to your goals, objectives, and their effectiveness and achievements.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title Custodial Cleaning Schedules	2. Current Version Date 1/19/01	3. DRL Line AN-14-1	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) This schedule shall be used by the QAE to monitor Contractor's performance.			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional) Section 14.1, Paragraph 14.1.5		7. Interrelationships (e.g., with other DRDs) (Optional)	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert52]:

Scope: Develop and submit a report, covering each year of the contract, containing all information listed below.

Frequency: Maintain electronic log available to the Government at all times.

Distribution: One electronic copy to the Custodial TMR, for Contract Year 1, 2 weeks prior to contract start date; one electronic copy to the Custodial TMR annually thereafter for each successive contract year by March 15th of each year.

Details: As a minimum, provide the following information by building and by month:

- (a) Building number
- (b) Date revised (as changes occur)
- (c) Type of services being provided (CLIN number).
- (d) Area receiving services (Area number).
- (e) *Frequency of each service
- (f) *Number of days per month service will be performed
- (g) *Day(s) each service will be performed
- (h) *Time frame each service will be performed

*When scheduled services fall on a holiday, alternate dates shall be specified on the schedule by the Contractor.

**Section J, Attachment G
Workload Unit Amounts**

Values for Option Period Three, Contract Year Five						
<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>No. Units</u>	<u>Unit Value</u>	<u>Total Value</u>
ANNEX 1		ADMINISTRATIVE SUPPORT				
1.2		Work Control Center	Daily	365		
1.3.1		Designate Building Manager	Square Feet	122,809		
1.3.2		Maintain Facilities	Daily	365		
1.3.3		Facilities Utilization Records	Daily	365		
1.4		Contractor Work Area Cleaning	Daily	365		
1.5		Site Critical Installation Provided Property	Item	40		
1.6.1		Quality Control Program	Program	1		
1.6.1	a	Corrective Actions Summary	Summary	12		
1.6.1	b	QC Performance Reports	Report	12		
1.6.2		Quality Control Plan	Plan	1		
1.6.3		ISO 9001- 2000 Certification	Certification	1		
1.6.4		Continuous Improvement Teams	Team	8		
1.7.1		Safety and Health Program	Program	1		
1.7.1.1		VPP Certification	Certification	1		
1.7.2		Safety and Health Plan	Plan	1		
1.7.3.1		Statistical Information Report	Report	12		
1.7.3.2		Self Evaluation Report	Report	1		
1.7.3.3		Terminated Employees Report	Report	1		
1.7.3.4		Material Safety Data Sheets	Day	365		
1.7.3.5		Hazardous Materials Inventory	Report	1		
1.7.3.6		Hazard Abatement Notices and Plans	Review	12		
1.7.3.7		Lessons Learned Report	Report	4		
1.7.3.8		Safety and Health Metrics	Report	12		
1.7.3.9		Log of Occupational Injuries/Illnesses	Report	1		
1.7.3.10		Hazards Identification	Report	1		
1.8.1		Energy and Water Conservation	Plan	1		
1.8.1.a		Y2K HVAC Equipment and Lighting Baseline Status Report	Reports	12		
1.8.1.b		Monthly Utility Report (MUR)	Reports	12		
1.8.1.c		Quarterly Energy Report (QER)	Reports	4		
1.8.1.d	a	Cold Weather Protection Plan	Plan	1		
1.8.1.d	b	Freeze Protection Survey	Survey	1		
1.90		Functional Metrics	Report	12		
1.10.1		Environmental Program (for COSS Activities)	Day	365		
1.10.2		Procure Recycled Items/Materials	Day	365		
1.10.3		Environmental Management System	Day	365		
1.10.4		Affirmative Procurement	Day	365		
1.10.5		Prohibited & Restricted Materials	Day	365		
1.10.6		Ozone Depleting Substances	Item	75		
1.10.7		Polychlorinated Biphenyls	Item	75		
1.10.8		Participate in Recycling Programs	Day	365		
1.11		Emergency Management Program	Plan	1		
1.12		Contract Review Meeting	Meeting	12		
1.13.5		Energy Manager	Day	365		
1.13.6		Environmental Training	Day	365		
1.14.1		Workload Data Collection Report	Report	1		
1.14.3		Cost Data Report	Report	1		
1.14.4		NF533 Cost and Data Report	Report	12		
1.14.5		Wage Salary and Fringe Benefit Data	Report	1		
1.14.7		Subcontracting Report	Report	1		
ANNEX 2		SCHEDULED MAINTENANCE AND REPAIR				
2.2.1		Implement the SM Plan	Database	1		
2.2.2		Accomplish Scheduled Maintenance				
2.2.2	ACC1001	Air Condensor Unit Inspection	PM	344		

**Section J, Attachment G
Workload Unit Amounts**

Values for Option Period Three, Contract Year Five						
<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>No. Units</u>	<u>Unit Value</u>	<u>Total Value</u>
2.2.2	ACUI001	Air Conditioner Unit, Inspection	PM	201		
2.2.2	AHUI001	Air Handler Unit, Inspection	PM	15		
2.2.2	AHUI003	Air Handler Unit Humidifier, Inspection	PM	5		
2.2.2	AHUI004	Air Handler Unit, Pre-Flight Checks	PM	173		
2.2.2	AHUI005	Film Vault Air Handler Unit, Inspection	PM	1		
2.2.2	AHUI006	Air Handler Unit With Generator, Inspection	PM	2		
2.2.2	AHUM001	Air Handler Unit, Filter Change	PM	12		
2.2.2	AHUV001	Air Handler Unit, Vibration	PM	1115		
2.2.2	APLI001	Ultra Low Freezer, Inspection And Maintenance	PM	1		
2.2.2	APLI002	Toaster Conveyor, Inspection And Maintenance	PM	4		
2.2.2	APLI003	Refrigerator, Inspection And Maintenance	PM	2		
2.2.2	APLI004	Steam Jacketed Kettle, Maintenance	PM	3		
2.2.2	APLI005	Kitchen Equipment, Inspection And Maintenance	PM	34		
2.2.2	APLM001	Dishwasher, Inspect And Maintenance	PM	3		
2.2.2	APLM002	Steamer, Inspection And Maintenance	PM	7		
2.2.2	APLM003	Ice Machine Water Filter, Replacement	PM	14		
2.2.2	APLM005	Ice Machine, Maintenance And Inspection	PM	9		
2.2.2	BATI001	Electric Storage Battery Monitoring System, Data Collection	PM	5		
2.2.2	BATI002	Electric Storage Battery, Maintenance And Testing	PM	14		
2.2.2	BATM001	Electric Storage Battery, Replacement	PM	14		
2.2.2	BATM002	Battery Charger, Maintenance And Testing	PM	22		
2.2.2	BATT001	Electric Storage Battery, Maintenance And Impedance Testing	PM	14		
2.2.2	BFPT001	DCK Backflow Preventer, Test	PM	41		
2.2.2	BFPT002	PVB Backflow Preventer, Test	PM	66		
2.2.2	BFPT003	RPZ Backflow Preventer, Test	PM	176		
2.2.2	BRKM001	Vacuum Circuit Breaker, Maintenance And Test	PM	55		
2.2.2	BRKT001	Air Circuit Breaker, Maintenance And Test	PM	552		
2.2.2	BRKT002	Air Circuit Breaker Protective Relay, Functional Test	PM	26		
2.2.2	BRSC001	Steam Boiler Force Draft Air Fan, Calibrate And Inspection	PM	3		
2.2.2	BRSC002	Steam Boiler, Fuel Oil Calibration	PM	3		
2.2.2	BRSC003	Steam Boiler, Transmitter Calibration.	PM	3		
2.2.2	BRSI001	Steam Boiler, Pre Flight Checks	PM	3		
2.2.2	BRSI002	Low Pressure Gas Fired Steam Boiler, Operational Inspection	PM	37		
2.2.2	BRSI003	Boiler, Sampling And Data Collection	PM	37		
2.2.2	BRSI004	Steam Boiler, Internal Inspection	PM	37		
2.2.2	BRSM001	Steam Boiler Feed Water, Maintenance And Inspection	PM	3		
2.2.2	BRSV001	Steam Boiler Force Draft Air Fan, Vibration Check	PM	3		
2.2.2	CAPI001	Capacitor Bank, Inspection	PM	3		
2.2.2	CBLI001	15kv Feeder Cable, Inspection And Testing	PM	36		
2.2.2	CHLC001	Chiller, Calibration	PM	13		
2.2.2	CHLC003	Chiller Lube Oil System, Calibration And Inspection	PM	13		
2.2.2	CHLI001	Chiller Refrigerant System, Inspection And Calibration	PM	1		
2.2.2	CHLI003	Chiller Balance Piston, Inspection	PM	13		
2.2.2	CHLI004	Chiller, Electrical Operational Inspection	PM	13		
2.2.2	CHLI005	Chiller, Mechanical Operational Inspection	PM	13		
2.2.2	CHLI006	Chiller Gearbox, Inspection	PM	13		
2.2.2	CHLI009	Small Chiller, Operational Inspection	PM	11		
2.2.2	CHLI012	Medium Chiller, Operational Inspection	PM	5		
2.2.2	CHLV001	Chiller, Vibration Data Collection And Analysis	PM	18		
2.2.2	CLTI001	Cooling Tower Structure, Inspection	PM	15		
2.2.2	CLTI002	Cooling Tower, Mechanical Inspection	PM	1		
2.2.2	CLTM001	Cooling Tower Water Treatment, Sampling	PM	15		
2.2.2	CLTV001	Cooling Tower Fan, Vibration Data Collection	PM	14		
2.2.2	COMI001	Inspection	PM	49		
2.2.2	COMI002	Stand Alone Control Air Compressor, Function Test And Inspection	PM	40		
2.2.2	COMI003	Shop Air Compressor, Function Test And Inspection	PM	41		

**Section J, Attachment G
Workload Unit Amounts**

Values for Option Period Three, Contract Year Five						
<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>No. Units</u>	<u>Unit Value</u>	<u>Total Value</u>
2.2.2	COMV001	Centrifugal Compressor, Vibration Data Collection	PM	9		
2.2.2	COMV002	Inspection	PM	6		
2.2.2	CPSI001	Immersed & Buried Anode Cathodic Protection System, Inspection	PM	4		
2.2.2	CPSI002	Water Wells Buried Anode Cathodic Protection System, Inspection	PM	2		
2.2.2	CRNC001	Hoist And Crane, Certification	PM	125		
2.2.2	CRNI001	Hoist And Crane, Inspection	PM	125		
2.2.2	CRNM001	Hoist And Crane, Lubrication	PM	30		
2.2.2	CTBI001	Containment Berms, Inspection And Repair	PM	2		
2.2.2	DORI001	Vertical Lift Door, Inspection	PM	12		
2.2.2	DORI002	Horizontal Sectional Hanger Door	PM	3		
2.2.2	DORI003	Automatic Sliding Door, Inspection	PM	36		
2.2.2	DORI004	Roll Up Electric Door, Inspection And Maintenance	PM	59		
2.2.2	DORI005	Electric Overhead Door, Inspection	PM	113		
2.2.2	DORM001	Automatic Sliding Door, Maintenance	PM	36		
2.2.2	EEWI001	Plumbed Eyewash And Safety Shower, Flush	PM	210		
2.2.2	EEWI002	Eyewash And Safety Shower, Inspection	PM	256		
2.2.2	EEWM001	Portable Eyewash And Safety Shower, Flush And Maintenance	PM	47		
2.2.2	ELSM001	Emergency Lighting System, Full Maintenance And Inspection	PM	70		
2.2.2	ELST002	Emergency Lighting System, 30 Second Function Test	PM	71		
2.2.2	ELST003	Emergency Lighting System, 90 Minute Test And Inspection	PM	71		
2.2.2	ELUT001	Emergency Lighting Unit, 30 Second Function Test	PM	62		
2.2.2	ELVI001	Hydraulic Elevator, Monthly Inspection	PM	36		
2.2.2	ELVI002	Hydraulic Elevator, Quarterly Inspection	PM	36		
2.2.2	ELVI003	Hydraulic Elevator, Semi-Annual Inspection	PM	36		
2.2.2	ELVI004	Hydraulic Elevators, Inspection	PM	36		
2.2.2	ELVI005	Electrical Traction Elevator, Monthly Inspection	PM	23		
2.2.2	ELVI006	Electrical Traction Elevator, Quarterly Inspection	PM	23		
2.2.2	ELVI007	Electrical Traction Elevator, Semi-Annual Inspection	PM	23		
2.2.2	ELVI008	Electrical Traction Elevator, Annual Inspection	PM	23		
2.2.2	ENGI001	Diesel Engine, Air Starter Inspection	PM	5		
2.2.2	ENGI002	Diesel Engine, Inspect And Run	PM	5		
2.2.2	ENGI005	Natural Gas Engine, Inspect And Run	PM	7		
2.2.2	ENGI007	Diesel Engine, Cooling Water Checks	PM	11		
2.2.2	ENGM002	Diesel Engine, Lube Oil Pump Service	PM	5		
2.2.2	ENGM003	Diesel Engine, Flex Hose Inspect Ion	PM	6		
2.2.2	ENGM004	Diesel Engine, Maintenance	PM	5		
2.2.2	ENGM005	Natural Gas Engine, Clean And Lubricate	PM	7		
2.2.2	ENGM006	Natural Gas Engine, Maintenance	PM	7		
2.2.2	ENGM008	Diesel Engine, Governor Oil Change	PM	6		
2.2.2	ENGT001	Diesel Engine Protective Relay, Maintenance And Testing	PM	5		
2.2.2	EWSI001	Emergency Warning System, Maintenance And Repair	PM	1		
2.2.2	EXCI001	Exchanger, Operational Inspection	PM	103		
2.2.2	FANI001	Fan, Inspection	PM	674		
2.2.2	FANV001	Fan, Vibration Data Collection And Inspection	PM	15		
2.2.2	FGTI001	Perimeter Fencing Gates, Inspect And Repair	PM	3		
2.2.2	FILM001	Water Fountain Filter, Replacement	PM	73		
2.2.2	FILM002	Filter Bank, Replacement	PM	53		
2.2.2	GENI002	Portable Generator, Inspection	PM	67		
2.2.2	GENI004	Power Generators, Operation	PM	5		
2.2.2	GENI007	5000 Watt Portable Generator, Inspection	PM	6		
2.2.2	GENM003	Portable Generator, Maintenance And Inspection	PM	67		
2.2.2	GENM011	Power Generator, Inspection And Testing	PM	5		
2.2.2	GENT002	Portable Generator, Mission Run Test	PM	5		
2.2.2	GENT003	Power Generators, Verify Output Capacity 100% Load Test	PM	5		
2.2.2	GTSI001	Groundwater Treatment System, Inspection	PM	1		
2.2.2	GTSI002	Groundwater Treatment System Control Valve, Inspection	PM	1		

**Section J, Attachment G
Workload Unit Amounts**

Values for Option Period Three, Contract Year Five						
<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>No. Units</u>	<u>Unit Value</u>	<u>Total Value</u>
2.2.2	GTST001	Groundwater Treatment System, Sample Testing	PM	1		
2.2.2	HTRI001	Gas Fired Space Heater, Inspection	PM	91		
2.2.2	HTRI002	Gas Fired Hot Water Heater, Inspection	PM	2		
2.2.2	LFTC001	Lift, Certification	PM	79		
2.2.2	LFTI001	Lift, Inspection	PM	79		
2.2.2	LTGM001	Ceiling Lights, Partial Relamp	PM	161		
2.2.2	LTGM002	Ceiling Lights, Total Relamp	PM	10		
2.2.2	MCCI001	Motor Control Center, Clean And Inspection	PM	101		
2.2.2	NGST001	Natural Gas Valve Regulator Station 4, Exercise	PM	1		
2.2.2	NGST002	Natural Gas Valve Regulator Station 6, Exercise	PM	1		
2.2.2	NGST003	Natural Gas Valve Regulator Station 5, Exercise	PM	1		
2.2.2	NGST004	Natural Gas Valve Ave B Main Line, Exercise	PM	1		
2.2.2	NGST005	Natural Gas Valve Regulator Stations 10 12 And 13, Exercise	PM	1		
2.2.2	NGST006	Natural Gas Valve Regulator Stations 7 And 8, Exercise	PM	1		
2.2.2	NGST007	Natural Gas Valve Regulator Station 14, Exercise	PM	1		
2.2.2	NGST008	Natural Gas Valve Regulator Station 3, Exercise	PM	1		
2.2.2	NGST009	Natural Gas Valve Ellington Field, Exercise	PM	1		
2.2.2	OILI001	Rotating Equipment Oil Analysis, Sampling Instructions	PM	28		
2.2.2	OILI002	Chiller Oil And Refrigerant, Sampling And Analysis	PM	18		
2.2.2	OILI003	Dielectric Insulating Liquid, Inspection & Tests	PM	126		
2.2.2	PLWI001	Plating Waste Pretreatment System UCS Alarm, Inspection	PM	15		
2.2.2	PLWI002	Plating Waste Pretreatment System Control Equipment, Inspection	PM	15		
2.2.2	PMP1001	Pump, Inspection And Maintenance	PM	257		
2.2.2	PMP1002	Boiler Feed Water Pump, Inspection	PM	5		
2.2.2	PMPM001	Fuel Oil Pump Coupling, Grease	PM	3		
2.2.2	PMPV001	Pump, Vibration Data Collection And Inspection	PM	427		
2.2.2	PNI1001	Electrical Distribution Panel, Inspection	PM	259		
2.2.2	PWDT001	Potable Water Valve, Exercise Valves And Fire Hydrant	PM	1		
2.2.2	RADM001	Radio Base Station, Maintenance	PM	3		
2.2.2	RPDM001	Memorials, Inspect And Maintain	PM	2		
2.2.2	RPDM002	Flag Pole, Inspect And Maintain	PM	2		
2.2.2	SCRI001	Steam Trap Ultrasonic And Temperature, Inspection	PM	98		
2.2.2	SETI001	Structural Exterior, Inspection	PM	188		
2.2.2	SISI001	Intercom System, Maintenance And Repair	PM	1		
2.2.2	SKRI001	Oil Skimmer, Inspection	PM	9		
2.2.2	SKRM001	JSC Site Oil Skimmer, Clean Out	PM	4		
2.2.2	SKRM002	ELL Site Oil Skimmer, Clean Out	PM	9		
2.2.2	SNSI001	Grease Trap, Inspect	PM	4		
2.2.2	SWG1002	Switchgear Enclosure, Inspection And Maintenance	PM	133		
2.2.2	SWI1001	15kv Automatic Circuit Recloser, Inspect And Maintain	PM	3		
2.2.2	SWI1002	Load Break Switch, Inspection And Maintenance	PM	43		
2.2.2	SWI1003	Automatic Transfer Switch, Inspection And Maintenance	PM	36		
2.2.2	SWI1004	Manual Transfer Switch, Inspection And Maintenance	PM	35		
2.2.2	SWI1005	High Voltage Oil Switch, Inspection And Maintenance	PM	15		
2.2.2	SWIM001	Switch, Inspection And Maintenance High Voltage Air Switch	PM	8		
2.2.2	SWIM003	High Voltage SF6 or Vacuum Switch Inspection And Maintenance	PM	11		
2.2.2	SWSM001	Storm Water Collection System, Clean And Inspect	PM	1		
2.2.2	TISI001	Turf Irrigation Valve, Inspection And Repair	PM	1		
2.2.2	TRLI001	Trailer, Inspection	PM	52		
2.2.2	TRNT001	Dry Transformer, Insulation Testing	PM	19		
2.2.2	UPSI003	Uninterrupted Power Source, Inspection	PM	48		
2.2.2	UPSM001	Uninterrupted Power Source, Five Year Maintenance	PM	22		
2.2.2	UPSM002	Uninterrupted Power Source, Annual Maintenance	PM	47		
2.2.2	UPSM003	Uninterrupted Power Source, Semi-Annual Maintenance	PM	22		
2.2.2	UPSM004	Uninterrupted Power Source, Rotary Ups Inspect And Maintain	PM	2		
2.2.2	UPST001	Uninterrupted Power Source, Inferred Thermography Testing	PM	22		

**Section J, Attachment G
Workload Unit Amounts**

Values for Option Period Three, Contract Year Five						
Item No.		Description of Services	Unit	No. Units	Unit Value	Total Value
2.2.2	VEHI001	ATV Inspection And Service	PM	1		
2.2.2	VEHI002	Electric Forklift, Maintenance And Inspection	PM	22		
2.2.2	VEHI003	General Mobile Equipment, Inspection	PM	55		
2.2.2	VEHI005	Manlift, Pallet Lift, And Pallet Jacks, Maintenance And Repair	PM	5		
2.2.2	VEHI006	Equipment And Vehicle, Meter Reading	PM	59		
2.2.2	VEHM001	Oil And Filter Change	PM	55		
2.2.2	VFDI001	Variable Frequency Drive, Maintenance And Inspection	PM	122		
2.2.2	VIBI001	General Vibration Data Collection And Analysis	PM	2		
2.2.4		Equipment Identification	Program	1		
2.2.5	a	Class I Pressure Vessel Inspections	Inspection	535		
2.2.5	b	Class II Pressure Vessel Inspections	Inspection	9		
2.2.5	c	Class III Pressure Vessel Inspections	Inspection	59		
2.2.5	d	Relief Valve Certification and Support	Certification	514		
2.2.5	e	Flex Hose Certification	Certification	29		
2.2.6		Light/Lamp Replacement	Fixture	20,000		
2.3.1	a	JA/COD Repair Program	Day	365		
2.3.2		Non Lump Sum Emergency Response	Emergency Call	200		
2.3.3		Critical Spare Parts Management	Day	365		
2.4		Maintenance Activation Program	Day	365		
2.4.h		Quarterly Reconciliation Report	Report	4		
2.5		Warranty Program	Program	1		
2.5	a	Administer Warranty	Warranty	300		
2.5	f	Warranty Report	Report	12		
2.6		Availability & Reliability	Day	365		
2.7		Reliability Centered Maintenance	Analysis	4		
2.9.1		User Equipment Maintenance Report	Report	12		
2.9.2		Pressure System Certification Testing Report	Report	12		
ANNEX 3		DIRECTED SERVICES				
3.2.1	a	Paint All Pedestrian Crosswalks	Linear Foot	3,000		
3.2.1	b	Paint street markings & parking lot markings	Mile	60		
3.2.1	c	Re-stencil all reserved parking space designations	Restored Space	1,650		
3.2.1	d	Resecure traffic control signs/nameplate holders	Sign/Nameplate Holder	15		
3.2.1	e	Install new traffic control signs/nameplate holders	Sign/Nameplate Holder	60		
3.2.1	f	Install new traffic control signs with posts	Sign/Post	15		
3.2.1	g	Maintain road surface reflectorized buttons & ceramic markers	Button/Marker	10		
3.2.1	h	Paint fire hydrants, post indicator valves, etc.	Month	12		
3.2.1	i	Maintain records for Building 304 surface coating activities	Occurrence	30		
3.2.2	a	Participate in review & update of the Hurricane/Severe Weather Plan	Review	2		
3.2.2	b	Maintain Contents of Hurricane Cabinets	Cabinet	26		
3.2.2	c	Maintain Emergency Storm Supplies List	Review	1		
3.2.2	d	Accomplish Hurricane/Severe Weather Level IV Activities	Annual	1		
3.2.3	a	Special Events	Event	4		
3.2.3	b	Minor Events	Annual	1		
3.2.3	c	Crew Returns	Mission	6		
3.2.4	a	COSS Technical Reference Library Plan	Plan	1		
3.2.4	c	Maintain COSS Technical Library Collection	Month	12		
3.3.2	a	Develop the FCA Plan	Plan	1		
3.3.2	b	Implement the FCA Plan	Monthly	12		
3.3.2	c	Document and Maintain FCA Database	Day	365		
3.3.2	d	Provide Monthly FCA Status Report	Report	12		
3.3.2	e	Provide Annual Facility Condition Assessment Report	Report	1		
3.3.3	a	Perform Comprehensive Visual Roof Inspection	Report	1		
3.3.3	b	Perform Non-Destructive Roof Inspections	Day	365		
3.3.3	d	Roof Mounted Appurtenance Inspection	Day	365		
3.3.4		Perform Building Exterior Inspection	Report	1		

**Section J, Attachment G
Workload Unit Amounts**

Values for Option Period Three, Contract Year Five						
Item No.		Description of Services	Unit	No. Units	Unit Value	Total Value
3.3.5		Perform Roads Inspection	Report	1		
3.3.6		Perform Sidewalk Inspection	Report	1		
3.3.7		Perform Inspections of All Fences	Report	1		
3.3.8		FCA Inspection - Sanitary Sewer System	Report	1		
3.3.9		FCA Inspection - Stormwater Collection System	Report	1		
ANNEX 4		OPERATIONS				
4.2.1.1.1.a		Boiler and Condensate Return System	Day	365		
4.2.1.1.2.a		Building 24 Central Plant Steam/Boiler System	Day	365		
4.2.1.2.1.a		138 kV JSC Site Electrical Substation	Day	365		
4.2.1.2.1.b		Operate Building 48 Power Systems	Day	365		
4.2.1.2.1.c		Building 48 Power Generators and UPS	Day	365		
4.2.1.2.2.a		Mission Shuttle Support	Mission	6		
4.2.1.2.2.a	a	Provide Alternate Mission Manager	Day	30		
4.2.1.2.2.a	b	Provide Mission Meeting Support	Mission	6		
4.2.1.2.2.a	c	Provide Utility System Drawings	Drawing	40		
4.2.1.2.2.b		Preflight Checkout of Power Systems	Mission	6		
4.2.1.2.2.b	a	Provide Mission Support Plan	Plan	6		
4.2.1.2.2.c		Read and Record Power Systems Meters	Day	365		
4.2.1.2.3.a		Read and Record Kilowatt Hours Meters	Reading	12		
4.2.1.2.3.b		Test Power Protective Devices	Annually	1		
4.2.1.2.3.c		Output Capacity	Annually	1		
4.2.1.2.3.d		Power Recording Charts	Day	365		
4.2.1.3.1.a		Heating and Cooling Plant Chilled Water Production Systems	Day	365		
4.2.1.3.1.b		Building 48 Chilled Water Production System	Day	365		
4.2.1.3.2.a		Chilled Water System Meters/Gauges	Day	365		
4.2.1.3.2.b		Operate Condenser Water Treatment Systems	Day	365		
4.2.1.4.1.a		Operate Water Treatment System	Day	365		
4.2.1.4.1.b		Operate Water Storage System	Day	365		
4.2.1.4.1.c		Operate Water Pumping System	Day	365		
4.2.1.4.1.d		Operate JSC Water Well	Day	365		
4.2.1.4.2.a		Read and Record Water Plant Meters	Day	365		
4.2.1.4.2.b		Maintain Water Plant Operations Log	Day	365		
4.2.1.4.2.c		Maintain Water Chart Recorder	Day	365		
4.2.1.4.2.d		Well Drawdown Test	Test	4		
4.2.1.5.1.a		Operate Compressed Air System	Day	365		
4.2.1.5.2		Read and Record Compressed Air System Meters/Gauges	Day	365		
4.2.1.6.1.a		Man & Operate Operations Control Center	Day	365		
4.2.1.6.1.b		Man & Operate EMCS	Day	365		
4.2.1.6.1.c		Manage EMCS Software	Day	365		
4.2.1.6.1.d		EBI Workstation Support	Day	365		
4.2.1.6.1.d	a	Field Configuration Report	Report	5		
4.2.1.6.1.e		EMCS Building Control Systems Support	Day	365		
4.2.1.6.2.a		Action Item File	Week	52		
4.2.1.6.2.b		Operating Set Point Limits	Day	365		
4.2.1.6.2.c		Monitoring and Control Systems	Day	365		
4.2.1.6.2.d		EMCS Operations Review Board	Week	52		
4.2.1.6.3.a		Preflight Checkout of EMCS	Mission	6		
4.2.1.6.3.b		Maintain EBI Historical File Media	Day	365		
4.2.1.6.3.c		Service System Printers	Day	365		
4.2.1.7.1.a		Operate Site Fuel Systems	Gallon	90,000		
4.2.1.7.2		Fuel Mobile Support Equipment	Gallon	600		
4.2.1.7.3		Fuel Oil Monitoring	Day	365		
4.2.2.1		Operate Steam and Condensate Return	Day	365		
4.2.2.1.2		Inspect Visual Checks Steam Distribution System	Inspection	4		
4.2.2.2.1.a		Site 15kV Distribution System Operation	Day	365		

**Section J, Attachment G
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Values for Option Period Three, Contract Year Five						
Item No.		Description of Services	Unit	No. Units	Unit Value	Total Value
4.2.2.2.1.b		Site 15kV Distribution System Inspection	Day	365		
4.2.2.2.1.c		Inspect EF & SCTF Electrical Distribution Systems	Inspection	4		
4.2.2.2.1.d		Exterior Lighting System	Day	365		
4.2.2.2.2.a		High Voltage Switching Documentation	Document	6		
4.2.2.2.2.b		Read and Record System Meters and Gauges	Day	365		
4.2.2.2.2.c		Dranetz Recorder Service	Day	365		
4.2.2.2.2.d		Control Access to Building 221 Area	Day	365		
4.2.2.3.1.a		Operate Chilled Water Distribution System	Day	365		
4.2.2.3.2		Inspect Tunnel Chilled Water Distribution	Inspection	4		
4.2.2.4.1.a		Operate Water Distribution System	Day	365		
4.2.2.4.2.a		Water Distribution System Activities Log	Day	365		
4.2.2.4.2.b		Fire Hydrant System Test	Day	365		
4.2.2.5.1.a		Operate Sanitary Sewer Pumping and Distribution System	Day	365		
4.2.2.5.2.a		JSC and EF Operator Activities Log	Day	365		
4.2.2.5.2.b		Read and Record Distribution System Meters and Rainfall	Day	365		
4.2.2.5.3.a	a	Grease Traps	Pump Out	36		
4.2.2.5.3.a	b	Oil/Water Separators	Pump Out	19		
4.2.2.5.3.b		JSC Stormwater	Pump Out	6		
4.2.2.6.1.a		Operate Compressed Air Distribution System	Day	365		
4.2.2.6.1.b		Inspect Compressed Air Distribution System	Inspection	4		
4.2.2.7.1.a		Operate Natural Gas Distribution System	Day	365		
4.2.2.7.2.a		Maintain Daily Log	Day	365		
4.2.2.7.2.b		Read and Record Distribution System Meters	Day	365		
4.2.2.7.2.c		Inspect Natural Gas Distribution System	Inspection	1		
4.2.3.1		Operate Steam and Condensate Return	Day	365		
4.2.3.1.2		Low Pressure Steam Boiler Systems	Day	365		
4.2.3.2.1.a		Operate 15kV Facility Switches	Day	365		
4.2.3.2.1.b		Operate JSC Low Voltage Systems	Day	365		
4.2.3.2.2.a		Test the Test Power Generators	Week	52		
4.2.3.2.2.b		Read / Record Electrical Power Loads	Day	365		
4.2.3.2.3		Electrical Power Systems Loads Transfer	Day	365		
4.2.3.3.1.a		Operator / Monitor HVAC Systems	Day	365		
4.2.3.3.2.a		Read / Record MCC Complex HVAC System	Day	365		
4.2.3.3.2.b		Monitor / Inspect Hot Water Converters and Boilers	Day	365		
4.2.3.3.2.c		Inspect JSC Humidifiers	Day	365		
4.2.3.4		Operate Potable Water and Domestic Hot Water	Day	365		
4.2.3.4.2		Water Operations Log	Day	365		
4.2.3.5.1		Operate Compressed Air Systems	Day	365		
4.2.3.5.2		Inspect Facility Compressed Air Systems	Inspection	4		
4.2.3.5.3		Test Backup Control Compressed Air System	Annual	1		
4.2.3.6.1		Test Building Control System Interface	Annual	1		
4.2.3.7.1		Operate Natural Gas Distribution Systems	Day	365		
4.2.3.7.1	a	Inspect Natural Gas Distribution System	Inspection	4		
4.2.3.7.2		JSC and EF Natural Gas Distribution System Log	Day	365		
4.2.3.8.1		Fill Portable and Stationary Equipment Tanks	Gallon	15,000		
4.2.3.9.1		Inspect Valve Marker Identification	Day	365		
4.2.3.9.2.a		Mark Utility Systems	Utility Marking	75		
4.2.3.9.2.b		Documentation	Annual	1		
4.2.5.1		Water Utility Report	Month	12		
4.2.5.2	a	Submit Mission Readiness Plan	Plan	1		
4.2.5.2	b	Submit Fire Hydrant	Plan	1		
4.2.5.2	c	Submit O&M Manuals	Plan	1		
4.2.5.2	d	Submit EMCS Alarm Management Plan	Plan	1		
ANNEX 5		ENGINEERING				
5.2		Scope of Work	SOW	300		

**Section J, Attachment G
Workload Unit Amounts**

Values for Option Period Three, Contract Year Five						
Item No.		Description of Services	Unit	No. Units	Unit Value	Total Value
5.2.d		Design Status Meeting	Meeting	26		
5.3.a		\$0 - \$2,500 Designs	Design	70		
5.3.b		\$2,501 - \$10,000 Designs	Design	120		
5.3.c		\$10,001 - \$25,000 Designs	Design	70		
5.3.d		\$25,000 - \$50,000 Designs	Design	20		
5.3.e		\$50,001 - \$100,000 Designs	Design	10		
5.3.f		\$100,001 - \$200,000 Designs	Design	10		
5.3.1		Field Design Fix	Field Fix	20		
5.4		Submittal Shop Drawing Review	Review	15		
5.5		Master Facility Drawing Updates	Drawing	2,500		
5.6		Redline Verification Reviews	Review	5		
5.7.1		Standard Detail Drafting	Drawing	25		
5.7.2		Miscellaneous Design Drafting	Drawing	120		
5.7.3		CAD File Support	Review	5		
5.7.4		Electronic File Distribution	Files	1,100		
5.8.1		Cable Permits	Tunnel Permit	25		
5.8.2		Inspect Cable Changes	Inspection	35		
5.8.2	a	Tunnel Cable Records	Record	25		
5.8.3		Digging Permits	Digging Permit	50		
5.9	a	Field Check Updates	Drawing	525		
5.9	b	Redline Updates	Drawing	75		
5.9	c	Construction Updates	Drawing	80		
5.9	d	Room Number Assignments	Room Number	150		
5.9	e	Distribute Updated FHP Drawings	Request	100		
5.9	f	Distribute FHP Document	Document	200		
5.10	a	Update FEP Drawings	Drawing	35		
5.10	b	Create New FEP	Drawing	15		
5.10	c	Distribute FEP	Drawing	75		
5.11		Real Property Accounting	Voucher	250		
5.11.1		Account Reconciliation	Account	400		
5.11.2		Real Property Inventory	Line Item	800		
5.11.3		Inventory Tagging	Tagged Item	110		
5.11.4		Records Research	Researches	75		
5.11.5		Real Property Accounting System Data Entry	Voucher	250		
5.11.6		Update Real Estate Drawings and Facility Master Plans	Drawing Update	4		
5.12		SPECTSINTACT System Maintenance	Update	6		
5.12.1		SWT Meeting Support	Meeting	12		
5.12.2		Process SPECTSINTACT Text Changes	Change	30		
5.12.4		Specification Production	Edit	30		
ANNEX 8		INFORMATION TECHNOLOGY				
8.2		Mainframe Application IT Support	Day	365		
8.3.1		IT Support for the CMMS	Day	365		
8.3.2		Provide CMMS Capability	Day	365		
8.3.3		Maintain CMMS Program	Day	365		
8.3.4		Maintain History Files	Day	365		
8.4		Environment Management IT Support	Day	365		
8.5		EMCS Database Support	Day	365		
8.6		System Operations/Maintenance	Day	365		
8.7		Online System Access and Support	Day	365		
8.8.1		Provide CAD Software Support	Hour	200		
8.8.2		Provide CAD Software License	License	2		
8.8.3		CGM Viewing Support/ Facility Drawing Database	Day	365		
8.8.4		Entry	Hours	40		
8.9.1		Gas Tracking System	Tracking System	1		
8.9.2.1		Barcode Scanners/ Support Maintenance	Day	365		

**Section J, Attachment G
Workload Unit Amounts**

Values for Option Period Three, Contract Year Five						
<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>No. Units</u>	<u>Unit Value</u>	<u>Total Value</u>
8.9.3		Thermography Data Support	Day	365		
8.9.4		Vibration Data Support	Day	365		
8.9.5		Real Property Database Support	Hour	40		
8.9.6		Winest/ Means	Hour	40		
8.10	a	NEMS System Scanning	System	1		
8.10	b	IT Scanning Support	Hour	80		
8.11		Computer Systems and Data Security	Day	365		
8.11.2		Computer Security Manager	Day	365		
8.12.1	a	IT Help Support - Routine	Week	52		
8.12.1	b	IT Help Support - Emergency	Day	365		
8.12.2		Documentation Maintenance/ Update for Major Systems	Day	365		
8.12.3		Minor Systems Documentation	Day	365		
8.12.4		Minor Applications Documentation	Survey	1		
8.13.1		IT Security Plan	Plan	1		
ANNEX 9		ENVIRONMENTAL SERVICES				
9.2		Environmental Compliance Management (Site Activities)	Day	365		
9.2.1		Corrective Action	Day	365		
9.2.2	a	Compliance Inspection	Inspection	8		
9.2.2	b	Compliance EMS Audits	Audit	5		
9.2.2	c	External Compliance Audit	Audit	1		
9.2.2	d	Pre Audit Check List	Check List	4		
9.2.3	a	Building Audits	Audit	186		
9.2.3	b	Program Assessment	Assessment	1		
9.3		Industrial Solid Waste Management Program	Day	365		
9.3.1	a	Waste Pickup	Pickups	1,920		
9.3.1	b	Provide containers to waste generators	Containers	1,080		
9.3.2		Administer ISW Waste Streams	Day	365		
9.3.3		Maintain Waste Satellite Accumulation Areas (SAPs)	SAPs	150		
9.3.4	a	Operate and Manage all ISW Storage Facilities	Day	365		
9.3.4	b	Perform Tank Integrity Testing	Test	13		
9.3.5	a	Operate and Manage Waste treatment system	Day	365		
9.3.5	b	Sample Treated Batch	Samples	52		
9.3.6		Arrange for ISW Waste Transport and Disposition	Day	365		
9.3.7		Conduct Audits of TSDRs Facilities	Audit	10		
9.4		Air Quality Program	Day	365		
9.4.1		Operate the Building 222 CEMS	Day	365		
9.4.1	a	Inspect the CEMS	Day	286		
9.4.1	b	Building 222 CEMS Records	Record	286		
9.4.1	c1	Building 222 Rolling Average Calculations-Weekly	Calculation	52		
9.4.1	c2	Building 222 Rolling Average Calculations-Monthly	Calculation	12		
9.4.1	d	Building 222 CEMS Relative Accuracy Test Audit	Test	1		
9.4.1	e	Building 222 CEMS Cylinder Gas Audit	Test	3		
9.4.2		Ensure Building 24 Boiler Emission Compliance	Day	365		
9.4.2	a	Building 24 Boiler Data Entry and Records	Record	12		
9.4.2	b	Natural Gas Supplier Certificate	Certificate	1		
9.4.2	c	Natural Gas Sample Analysis	Sample	1		
9.4.2	d	Diesel Supplier Certificate	Certificate	10		
9.4.2	e	Fuel Delivery Record	Record	12		
9.4.3		Ensure Surface Coating Facilities Compliance	Day	365		
9.4.3	a	Monthly Records	Record	60		
9.4.3	b	Monthly Inspections	Inspection	52		
9.4.4	a	Track Air Emissions	Day	365		
9.4.4	b	Perform TNRCC Standard Exemption Reviews	Review	1		
9.4.4	c	Building 262 Data Collection	Record	12		
9.4.4	d	JSC and EF Oil/ Water Separators Sampling	Sample	18		

**Section J, Attachment G
Workload Unit Amounts**

Values for Option Period Three, Contract Year Five						
<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>No. Units</u>	<u>Unit Value</u>	<u>Total Value</u>
9.4.4	e	Emergency Generators Data	Record	480		
9.4.4	f	Building 383 Air Stripper System	Record	52		
9.4.5		Perform Calculations for Emissions Inventory Report	Month	12		
9.4.6		Opacity Readings	Opacity Reading	18		
9.5		Water Pollution Control and Prevention Program	Day	365		
9.5.1		Manage Sanitary Sewer Discharges	Discharge Points	400		
9.5.1	a	Develop & Update List of Sanitary Sewer Discharges	Day	365		
9.5.1	b	Implement Sanitary Sewer Discharge Mgt Plan	Day	365		
9.5.1	c	Review Request for Changes	Review	50		
9.5.1	d	Collect Samples	Sample	100		
9.5.2		Storm Water Management Program implementation	Day	365		
9.5.2	a1.	Conduct SWPPP inspections	Location	40		
9.5.2	a2	Inspect & Manage Rainfall at Containments	Containment	50		
9.5.2	b	Conduct Periodic Field Investigations	Investigation	20		
9.5.2	c	Conduct Annual Audits	Audit	3		
9.5.2	d	Review Sedimentation and Erosion Control Plans	Plan Review	20		
9.5.3		Spill Prevention Control and Countermeasure (SPCC) Program	Day	365		
9.5.3	a	Conduct Monthly Inspections	Inspection	60		
9.5.3	a1	Conduct Weekly Inspections	Inspection	3,016		
9.5.3	a2	Conduct Daily Inspections	Inspection	365		
9.5.4		Operation and Maintenance of Impoundments	Day	365		
9.5.4	a	Perform Annual Cleaning	Cleaning	1		
9.5.4	c	Clean Water Knives	Cleaning	2		
9.6		Implement Lead Program	Day	365		
9.7		Asbestos Program	Day	365		
9.7	d	Provide HEPA Vacuum Decontamination & Servicing	Cleaning	150		
9.8		Implement Petroleum Storage Tank Program	Day	365		
9.8	b	Perform Annual Impoundment/Tank Integrity Testing	Tests	5		
9.9		Implement Groundwater Protection Program	Day	365		
9.9.1	c	Collect Samples	Sample	16		
9.10	a	Emergency Response	Chemical Spill	60		
9.10	b	Asbestos Spill Cleanup	Asbestos Spill	60		
9.11		Pollution Prevention and Resource Conservation	Day	365		
9.11.1		Track and Evaluate Information	Month	12		
9.11.2	a	Pollution Prevention Opportunity Assessments (PPOA)	PPOAs	20		
9.11.2	c	Implement PPOAs	PPOA implementation	6		
9.11.3		Ozone Depleting Substance Tracking Program	Day	365		
9.11.4		EPCRA Compliance Program	Day	365		
9.12		Communication, Training and Participation in Work Groups	Day	365		
9.12.2		Participate in Committees and Work Groups	Week	52		
9.13		Environmental Management System (EMS)	Day	365		
9.13	a	EMS User Access support	User	150		
9.13	b	Impact Team Meetings	Meeting	26		
9.13	c	Develop/Revise EMS Procedures	Procedure	25		
9.13	d	Develop Presentations	Presentations	20		
9.13	e	EMS Webpage Updates	Weekly	52		
9.14		Implement Toxic Substances Control Act (TSCA) Program	Day	365		
9.15		Personnel Qualification Requirements	Day	365		
9.16		Records, Reports, and Submittals	Day	365		
9.16.1.1		Environmental Compliance Plan	Year	1		
9.16.1.2		Annual Building Inspection Report	Report	186		
9.16.1.3		Self Assessment Findings Report	Report	1		
9.16.1.4		Environmental Resource Documents	Year	4		
9.16.1.5		Develop Standard Operating Procedures	Procedure	10		
9.16.2.1		Annual Waste Summary	Report	3		
9.16.2.2		Annual Site Activity Report	Report	1		

**Section J, Attachment G
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Values for Option Period Three, Contract Year Five						
<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>No. Units</u>	<u>Unit Value</u>	<u>Total Value</u>
9.16.2.3		Monthly Waste Shipment	Report	36		
9.16.2.4		Monthly Waste Receipt Summary	Report	12		
9.16.2.5		Monthly ISW Generator Report	Report	12		
9.16.2.6		ISW Contingency Plan	Plan	3		
9.16.2.7		ISW Waste Analysis Plans	Plan	3		
9.16.2.8		TSDR and Transportation Facility Audit Reports	Report	10		
9.16.2.9		ISW Tank Inspection Reports	Report	1		
9.16.2.10	a	ISW Tank Cleaning Plan	Plan	1		
9.16.2.10	b	ISW Tank Cleaning Report	Report	1		
9.16.2.11		Manifest Exception Reports	Report	3		
9.16.2.12		Biennial Hazardous Waste Report	Report	2		
9.16.2.13		Review and Update Closure Plan	Plan	4		
9.16.2.14		Review and Update RCRA Training Plan	Plan	3		
9.16.3.1		Develop and Submit RATA Report	Report	1		
9.16.3.2		Develop and Submit CGA Report	Report	3		
9.16.3.3		Develop and Submit Semiannual Db Excess Emission Report	Report	2		
9.16.3.4		Develop and Submit Semiannual Dc Excess Emission Report	Report	2		
9.16.3.5		Develop and Submit Emissions Inventory Report	Report	3		
9.16.3.6		Develop and Submit IPG Report	Report	1		
9.16.3.7		EF	Report	5		
9.16.4.1		Sanitary Sewer Industrial Discharge Management Plan	Day	365		
9.16.4.2		Annual Storm Water Plan Compliance Report	Report	3		
9.16.4.3		Plans	Plan	2		
9.16.4.4		Sedimentation and Erosion Control (SEC) Plan Reports	Report	20		
9.16.4.5		Spill Prevention Control and Countermeasure (SPCC) Report	Review	4		
9.16.5.1		Site-wide Annual Asbestos Inspection and Assessment	Inspection/Assessment	1		
9.16.5.2		Submit Asbestos Notifications to OMOH / FM	Notification	1,200		
9.16.6.1		Annual Petroleum Storage Tank (PST) Integrity Report	Report	1		
9.16.6.2	a	General Land Office Applications and Certificates	Application	2		
9.16.6.2	b	Submit Response Certification	Certification	2		
9.16.6.3		Submit PST database	Report	1		
9.16.7.1		Report	Report	1		
9.16.8.1		Source Reduction and Waste Minimization Report	Report	3		
9.16.8.2		Pollution Prevention Plans	Plan	3		
9.16.8.3		NASA Recycling and Affirmative Procurement Report	Report	1		
9.16.8.4		Pollution Prevention Opportunity Assessment (PPOA) Reports	Report	20		
9.16.8.5		Annual ODS Usage Report	Report	1		
9.16.8.6		Develop Environmental Award Applications	Application	3		
9.16.8.7		Notifications to Agencies	Day	365		
9.16.8.8		Toxic Release Inventory	Report	4		
9.16.9.1		Environmental Study/Design Review	Study/Design Review	20		
9.16.10.1		Polychlorinated Biphenyl Annual Written Document Log	Report	2		
ANNEX 10		SUPPLY				
10.2.2	a	Ensure shelf life material	Line Item	840		
10.2.2	b	Document Tracking	Transaction	27,000		
10.2.2	c	Inventory Reconciliation	Day	365		
10.2.2	d	Document Control	Document	12,251		
10.2.2	e	JSC Form 1710	Form	3,000		
10.2.2	f	Cataloging	Day	365		
10.2.2	g	JSC Form 500	Form	10		
10.2.2	h	Prepare and Submit JSC Form 1303	Submission	10		
10.2.2	i	Assign Stock Numbers	Line Item	1,300		
10.2.2	j	Perform Add/User/Withdraw Actions	Action	12		
10.2.2	k	Form 1685	Form	12		
10.2.2	l	SFM Tapes	Tape	10		

**Section J, Attachment G
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Values for Option Period Three, Contract Year Five						
<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>No. Units</u>	<u>Unit Value</u>	<u>Total Value</u>
10.2.2	m	Standardization Studies	Study	12		
10.2.2	n	Acquisition and Inventory Management	Day	365		
10.2.2	n1	Purchase Stock Items	Purchase	800		
10.2.2	n2	Suspended receipt & Issue Transactions	Day	365		
10.2.2	n3	JSC Form 500/ 500a	Form	10		
10.2.2	n4	NSMS Complete Access Report	Report	4		
10.2.2	o	Cost Accounting System	Day	365		
10.2.2	p1	Issue Stock	Issue	8,000		
10.2.2	p2	Stock Returns	Return	156		
10.2.2	p3	Work Stoppages	Work stoppage	100		
10.2.2	q	DV Program	Day	365		
10.2.2	r	Program Stock Receipts	Receipt	3,000		
10.2.2	s	Program Stock Discrepancies	Line Item	25		
10.2.2	t	Program Stock Temporary Hold	Piece	60		
10.2.2	u	Program Stock Issues	Issue	8,000		
10.2.2	v	NASA Tagged Hardware	Day	365		
10.2.3		Sample Physical Inventory of Assets	Inventory	3		
10.2.4		Temporary Storage	Case File	125		
10.2.5	a	Gas Cylinder Purchases	Day	365		
10.2.5	b	Repaint/Refurbish Cylinders	Cylinder	120		
10.2.5	c	Scrub/scrap Cylinders	Cylinder	50		
10.2.5	d	Rejected Cylinders (contents)	Cylinder	130		
10.2.6.1		Master Case File Listing	Report	12		
10.2.6.2		Case File Listing	Report	125		
10.2.6.3		Physical Inventory Schedule	Schedule	1		
10.2.6.4		Store Stock and Critical Spares Catalogs	Catalog	3		
10.2.7		Personnel Requirements	Day	365		
10.3.2	a	New Furniture Receipts	Piece	3,200		
10.3.2	b	Used Furniture Receipts	Piece	13,000		
10.3.2	c	Prepare Furniture for Delivery	Piece	11,750		
10.3.2	d	Connect/Disconnect Furniture	Piece	11,000		
10.3.3		In-Field Furniture Repair	Piece	4,000		
10.3.4		Carpet Operations	Square Yard	2,000		
10.3.5		Conduct Carpet/Furniture Inventories	Inventory	12		
10.3.6		Furniture & Carpet Inventory Report	Report	12		
10.3.7		Personnel Expertise Requirements	Day	365		
10.4.2		Maintenance and Repair - Radio Communications Equipment	Day	365		
10.4.2	a	Priority 1	Request	15		
10.4.2	b	Priority 2	Request	15		
10.4.3		Maintenance and Repair - Portable Radios and Chargers	Request	30		
10.4.4		Installation and Removal	Operation	28		
10.4.5		Radio Equipment Preventive Maintenance	Day	365		
ANNEX 11		PROPERTY AND EQUIPMENT				
11.2.2	a	Requested NEMS Report	Report	5,100		
11.2.2	b	Quarterly/Monthly NEMS Reports	Report	65,000		
11.2.2	c	NEMS User List	List	10,000		
11.2.2.1		NEMS Documentation	Transaction	37,000		
11.2.2.2		CD-Rom Archival	Document	50,000		
11.2.2.3	a	Wall to Wall Equipment Inventory	Inventory Item	18,000		
11.2.2.3	b	Sensitive Inventory	Inventory Item	5,000		
11.2.2.4	a	In-place Equipment tagging	Equipment Item	500		
11.2.2.4	b	In-place Equipment de-tagging	Equipment Item	1,000		
11.2.2.4	c	Found on Station Form	Form	15		
11.2.2.4	d	Cannibalization/Modification Form	Form	50		
11.3.1	a	Process Shipping Document	Form	2,670		

**Section J, Attachment G
Workload Unit Amounts**

Values for Option Period Three, Contract Year Five						
<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>No. Units</u>	<u>Unit Value</u>	<u>Total Value</u>
11.3.1	b	Maintain & track logs & data	Day	365		
11.3.1	c	Create folders and log records	Day	365		
11.3.1	d	Annotate Records	Day	365		
11.3.1	e	Process Employee Clearances	Form	106		
11.4.2.a		Reutilization and Disposal Operations	Line Item	20,500		
11.4.2.b		Pick up of Scrap Metals	Pickup	250		
11.4.3		Stevenson-Wylder Program and Computers for Learning Program	Requests	75		
11.4.4		Shuttle Orbiter Tile Program	Tiles Shipped	400		
11.4.6.a		Contractor Monthly Production Report	Report	12		
11.4.6.b		Property held by the Property Disposal Officer Report	Report	12		
11.4.6.c		Annual Report of Exchange/Sale Transactions	Report	1		
11.4.6.d		Personal Property	Report	1		
11.4.6.e		Report of Activities Generating Precious Metals	Report	1		
11.4.6.f		Organizations	Report	1		
11.4.6.g		Performance Measures Report	Report	2		
11.4.6.h		Semiannual Report of Personal Property Management Operations	Report	2		
ANNEX 12		TRANSPORTATION				
12.2.1		General Transportation Services	Work request	4,000		
12.2.2	a	Core Hour Personnel Moves	People	1,300		
12.2.2	b	Non-core Hour Personnel Moves	People	100		
12.2.3		Quick Dispatch	Request	3,000		
12.2.4		Nitrogen Delivery	Gallons	283,000		
12.2.5		Personnel Licensed	Day	365		
12.3.2	a	Packing & Shipping Routine Shipments	Shipment	4,500		
12.3.2	b	Packing & Shipping Priority Shipments	Shipment	6,500		
12.3.2	c	Hazardous Shipments	Shipment	225		
12.3.3		Vehicle Load Plans	Loads	25		
12.3.4		Delivery to/From Offsite Locations	Shipment	300		
12.3.5		Packaging Personnel Requirements	Day	365		
12.3.6.1		Monthly Production Report	Report	12		
12.4.1	a	Rigging Support for Priority 1 Work Order	Priority	5		
12.4.1	b	Rigging Support for Priority 2 Work Order	Priority	300		
12.4.1	c	Rigging Support for Priority 3 Work Order	General	400		
12.4.2	a	Priority 2 Load Test	Test	200		
12.4.2	b	Load Tests General Support	Test	400		
12.4.3		Lifting Equipment Listing	Day	365		
12.4.4		Personnel Requirements	Day	365		
12.5.3		Vehicle Administrative Operations	Day	365		
12.5.3.1		Maintain Extra Vehicle Keys	Key	150		
12.5.3.2		Maintain Vehicle Credit Cards	Card	107		
12.5.3.3		Report of Accidents	Report	10		
12.5.3.4		Vehicle Safety Recall Notifications	Notice	4		
12.5.3.5		Daily Vehicle Dispatch Sheets	Monthly	12		
12.5.3.6	a	Issue Government Pool Vehicles	Request	550		
12.5.3.6	b	Maintain/Update Reservations Calendar	Day	365		
12.5.3.7	a	Process Full Time Vehicle Assignments	Request	10		
12.5.3.7	b	**Process Vehicle Rejustifications	Request	275		
12.5.3.8		Maintain/Update Vehicle Fleet Database	Day	365		
12.5.3.9		Vehicle Preventive Maintenance	Notification	300		
12.5.3.10		Pool Vehicles, Preventive Maintenance, Servicing, and Replacement	Vehicle	120		
12.5.3.11		Vehicle Emissions Inspections	Notice	100		
12.5.4		Special Events Transportation	Request	8		
12.5.5.1		Provide Vehicle Mileage Reports	Report	12		
12.5.5.2		Federal Automotive Statistical Tool Report	Report	1		
12.5.5.3		Energy Information Agency Survey Report	Report	1		

**Section J, Attachment G
Workload Unit Amounts**

Values for Option Period Three, Contract Year Five						
<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>No. Units</u>	<u>Unit Value</u>	<u>Total Value</u>
12.5.5.4		Alternative Fuel Vehicle Acquisition Report	Report	1		
12.5.5.5		Report, Office of Management and Budget Report	Report	1		
12.5.5.6		General Purpose Vehicle Accident Report	Report	2		
12.5.5.7		Summary Report	Report	2		
12.5.5.8		Vehicle Cost Per Mile Metrics Report	Report	4		
12.5.5.9		Vehicle Fleet Mileage Express Report	Report	12		
12.5.5.10		OPAC Report	Report	12		
12.5.5.11		Vehicle Statistical Report	Report	12		
12.5.5.12		One-Time/New Reports	Report	5		
12.5.6.		Personnel Requirements	Day	365		
12.6.1		Receive/Deliver Inbound Freight	Shipment	27,000		

SECTION L

INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFEROR

L.1 DATA UNIVERSAL NUMBERING SYSTEMS (DUNS) NUMBER (FAR 52.204-6) (JUNE 1999)

(a) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" followed by the DUNS number that identifies the offeror's name and address exactly as stated in the offer.

The DUNS number is a nine-digit number assigned by Dun and Bradstreet Information Services.

(b) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one. A DUNS number will be provided immediately by telephone at no charge to the offeror. For information on obtaining a DUNS number, the offeror, if located within the United States, should call Dun and Bradstreet at 1-800-333-0505. The offeror should be prepared to provide the following information:

- (1) Company name.
- (2) Company address.
- (3) Company telephone number.
- (4) Line of business.
- (5) Chief executive officer/key manager.
- (6) Date the company was started.
- (7) Number of people employed by the company.
- (8) Company affiliation.

(c) Offerors located outside the United States may obtain the location and phone number of the local Dun and Bradstreet Information Services office from the Internet home page at <http://www.customerservice@dnb.com>. If an offeror is unable to locate a local service center, it may send an e-mail to Dun and Bradstreet at globalinfo@mail.dnb.com.

(End of provision)

L.2 NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE USE (FAR 52.211-14) (SEP 1990)

Any contract awarded as a result of this solicitation will be a DO-rated order certified for national defense used under the Defense Priorities and Allocations System (DPAS)(15 CFR Part 700); and the Contractor will be required to follow all of the requirements of this regulation.

(End of provision)

L.3 INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION (FAR 52.215-1)
(FEB 2000)(ALTERNATE I) (OCT 1997)

(a) Definitions. As used in this provision--

"Discussions" are negotiations that occur after establishment of the competitive range that may, at the Contracting Officer's discretion, result in the offeror being allowed to revise its proposal.

"In writing" or "written" means any worded or numbered expression which can be read, reproduced, and later communicated, and includes electronically transmitted and stored information.

"Proposal modification" is a change made to a proposal before the solicitation's closing date and time, or made in response to an amendment, or made to correct a mistake at any time before award.

"Proposal revision" is a change to a proposal made after the solicitation closing date, at the request of or as allowed by a Contracting Officer as the result of negotiations.

"Time," if stated as a number of days, is calculated using calendar days, unless otherwise specified, and will include Saturdays, Sundays, and legal holidays. However, if the last day falls on a Saturday, Sunday, or legal holiday, then the period shall include the next working day.

(b) Amendments to solicitations. If this solicitation is amended, all terms and conditions that are not amended remain unchanged. Offerors shall acknowledge receipt of any amendment to this solicitation by the date and time specified in the amendment(s).

(c) Submission, modification, revision, and withdrawal of proposals. (1) Unless other methods (e.g., electronic commerce or facsimile) are permitted in the solicitation, proposals and modifications to proposals shall be submitted in paper media in sealed envelopes or packages (i) addressed to the office specified in the solicitation, and (ii) showing the time and date specified for receipt, the solicitation number, and the name and address of the offeror. Offerors using commercial carriers should ensure that the proposal is marked on the outermost wrapper with the information in paragraphs (c)(1)(i) and (c)(1)(ii) of this provision.

(2) The first page of the proposal must show--

(i) The solicitation number;

(ii) The name, address, and telephone and facsimile numbers of the offeror (and electronic address, if available);

(iii) A statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation and agreement to furnish any or all items upon which prices are offered at the price set opposite each item;

(iv) Names, titles, and telephone and facsimile numbers (and electronic addresses if available) of persons authorized to negotiate on the offeror's behalf with the Government in connection with this solicitation; and

(v) Name, title, and signature of person authorized to sign the proposal. Proposals signed by an agent shall be accompanied by evidence of that agent's authority, unless that evidence has been previously furnished to the issuing office.

(3) Submission, modification, revision, and withdrawal of proposals.

(i) Offerors are responsible for submitting proposals, and any modifications or revisions, so as to reach the Government office designated in the solicitation by the time specified in the solicitation. If no time is specified in the solicitation, the time for receipt is 4:30 p.m., local time, for the designated Government office on the date that proposal or revision is due.

(ii)(A) Any proposal, modification, or revision received at the Government office designated in the solicitation after the exact time specified for receipt of offers is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late offer would not unduly delay the acquisition; and—

(1) If it was transmitted through an electronic commerce method authorized by the solicitation, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of proposals; or

(2) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of offers and was under the Government's control prior to the time set for receipt of offers; or

(3) It is the only proposal received.

(B) However, a late modification of an otherwise successful proposal that makes its terms more favorable to the Government will be considered at any time it is received and may be accepted.

(iii) Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the proposal wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

(iv) If an emergency or unanticipated event interrupts normal Government processes so that proposals cannot be received at the office designated for receipt of proposals by the exact time specified in the solicitation, and urgent Government requirements preclude amendment of the solicitation, the time specified for receipt of proposals will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

(v) Proposals may be withdrawn by written notice received at any time before award. Oral proposals in response to oral solicitations may be withdrawn orally. If the solicitation authorizes facsimile proposals, proposals may be withdrawn via facsimile received at any time before award, subject to the conditions specified in the provision at 52.215-5, Facsimile Proposals. Proposals may be withdrawn in person by an offeror or an authorized representative, if the identity of the person requesting withdrawal is established and the person signs a receipt for the proposal before award.

(4) Unless otherwise specified in the solicitation, the offeror may propose to provide any item or combination of items.

(5) Offerors shall submit proposals in response to this solicitation in English, unless otherwise permitted by the solicitation, and in U.S. dollars, unless the provision at FAR 52.225-17, Evaluation of Foreign Currency Offers, is included in the solicitation.

(6) Offerors may submit modifications to their proposals at any time before the solicitation closing date and time, and may submit modifications in response to an amendment, or to correct a mistake at any time before award.

(7) Offerors may submit revised proposals only if requested or allowed by the Contracting Officer.

(8) Proposals may be withdrawn at any time before award. Withdrawals are effective upon receipt of notice by the Contracting Officer.

(d) Offer expiration date. Proposals in response to this solicitation will be valid for the number of days specified on the solicitation cover sheet (unless a different period is proposed by the offeror).

(e) Restriction on disclosure and use of data. Offerors that include in their proposals data that they do not want disclosed to the public for any purpose, or used by the Government except for evaluation purposes, shall--

(1) Mark the title page with the following legend:

This proposal includes data that shall not be disclosed outside the Government and shall not be duplicated, used, or disclosed--in whole or in part--for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this offeror as a result of--or in connection with--the submission of this data, the Government shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Government's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in sheets [insert numbers or other identification of sheets]; and

(2) Mark each sheet of data it wishes to restrict with the following legend:

Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal.

(f) Contract award. (1) The Government intends to award a contract or contracts resulting from this solicitation to the responsible offeror(s) whose proposal(s) represents the best value after evaluation in accordance with the factors and subfactors in the solicitation.

(2) The Government may reject any or all proposals if such action is in the Government's best interest.

(3) The Government may waive informalities and minor irregularities in proposals received.

(4) The Government intends to evaluate proposals and award a contract after conducting discussions with offerors whose proposals have been determined to be within the competitive range. If the Contracting Officer determines that the number of proposals that would otherwise be in the competitive range exceeds the number at which an efficient competition can be conducted, the Contracting Officer may limit the number of proposals in the competitive range to the greatest number that will permit an efficient competition among the most highly rated proposals. Therefore, the offerors initial proposal should contain the offeror's best terms from a price and technical standpoint.

(5) The Government reserves the right to make an award on any item for a quantity less than the quantity offered, at the unit cost or prices offered, unless the offeror specifies otherwise in the proposal.

(6) The Government reserves the right to make multiple awards if, after considering the additional administrative costs, it is in the Government's best interest to do so.

(7) Exchanges with offerors after receipt of a proposal do not constitute a rejection or counteroffer by the Government.

(8) The Government may determine that a proposal is unacceptable if the prices proposed are materially unbalanced between line items or subline items. Unbalanced pricing exists when, despite an acceptable total evaluated price, the price of one or more contract line items is significantly overstated or understated as indicated by the application of cost or price analysis techniques. A proposal may be rejected if the Contracting Officer determines that the lack of balance poses an unacceptable risk to the Government.

(9) If a cost realism analysis is performed, cost realism may be considered by the source selection authority in evaluating performance or schedule risk.

(10) A written award or acceptance of proposal mailed or otherwise furnished to the successful offeror within the time specified in the proposal shall result in a binding contract without further action by either party.

(11) The Government may disclose the following information in postaward debriefings to other offerors:

(i) The overall evaluated cost or price and technical rating of the successful offeror;

(ii) The overall ranking of all offerors, when any ranking was developed by the agency during source selection;

(iii) A summary of the rationale for award; and

(iv) For acquisitions of commercial items, the make and model of the item to be delivered by the successful offeror.

(End of provision)

L.4 REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA (FAR 52-215-20)(ALTERNATE IV) (OCT 1997)

(a) Submission of cost or pricing data is not required.

(b) Refer to Section L Part II for specific price proposal instructions.

(End of provision)

L.5 PREAWARD ON-SITE EQUAL OPPORTUNITY COMPLIANCE EVALUATION (FAR 52.222-24) (FEBRUARY 1999)

If a contract in the amount of \$10 million or more will result from this solicitation, the prospective Contractor and its known first-tier subcontractors with anticipated subcontracts of \$10 million or more shall be subject to a preaward compliance evaluation by the Office of Federal Contract Compliance Programs (OFCCP), unless, within the preceding 24 months, OFCCP has conducted an evaluation and found the prospective Contractor and subcontractors to be in compliance with Executive Order 11246.

(End of provision)

L.6 SERVICE OF PROTEST (FAR 52.233-2) (AUG 1996)

(a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the General Accounting Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from:

Hand-Carried Address:

Charles C. Bell
Building 416N

Mailing Address:

NASA Lyndon B. Johnson Space Center
Attn: SEB 416/Charles C. Bell
2101 NASA Road One
Houston, TX 77058

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

(End of provision)

L.7 PROPOSAL PAGE LIMITATIONS (NASA 1852.215-81) (FEB 1998)

(a) The following page limitations are established for each portion of the proposal submitted in response to this solicitation.

Proposal Section Volume	Proposal Section	Page Limit
I	Management	125
II	Technical	100
III	Past Performance	N/A
IV	Cost/Price	N/A
Total Volume I, and II		225

(b) A page is defined as one side of a sheet, 8 1/2" x 11", with at least one inch margins on all sides, using not smaller than 12 point type, Arial font. Foldouts count as an equivalent number of 8 1/2" x 11" pages. The metric standard format most closely approximating the described standard 8 1/2" x 11" size may also be used.

(c) Title pages, tables of contents, RFP Form 1, RFP Form 2, letters of commitment, the Safety and Health Plan, the Quality Control Plan, the Environmental Compliance, the NASA Plan for Small Business Subcontracting, the Labor Relations Plan, and the completed Section K representations and certifications are excluded from the page counts specified in paragraph (a) of this provision. In addition, the Price section of your proposal is not page limited. However, this section is to be strictly limited to cost and price information. Information that can be construed as belonging in one of the other sections of the proposal will be so construed and counted against that section's page limitation.

(d) If final revisions are requested, separate page limitations will be specified in the Government's request for that submission.

(e) Pages submitted in excess of the limitations specified in this provision will not be evaluated by the Government and will be returned to the offeror.

(End of provision)

L.8 SAFETY AND HEALTH PLAN (NASA 18-52.223-73) (MAY 2001)

The offeror shall submit a detailed safety and occupational health plan as part of its proposal (see NPG 8715.3, NASA Safety Manual, Appendix H). The plan must include a detailed discussion of the policies, procedures, and techniques that will be used to ensure the safety and occupational health of contractor employees and to ensure the safety of all working conditions throughout the performance of the contract. The plan must similarly address safety and occupational health for subcontractor employees for any proposed subcontract whose value is expected to exceed \$500,000, including commercial services and services provided in support of a commercial item. Also, when applicable, the plan must address the policies, procedures, and techniques that will be used to ensure the safety and occupational health of: (1) the public, (2) astronauts and pilots, (3) the NASA workforce (including contractor employees working on NASA contracts), and (4) high-value equipment and property. This plan, as approved by the Contracting Officer, will be included in any resulting contract.

(End of provision)

L.9 PROTESTS TO NASA (NASA 18-52.233-70) (MARCH 1997)

Potential bidders or offerors may submit a protest under 48 CFR part 33 (FAR Part 33) directly to the Contracting Officer. As an alternative to the Contracting Officer's consideration of a protest, a potential bidder or offeror may submit the protest to the Deputy Associate Administrator for Procurement, who will serve as or designate the official responsible for conducting an independent review. Protests requesting an independent review shall be addressed to Deputy Associate Administrator for Procurement, NASA Code H, Washington, DC 20546-0001.

(End of provision)

L.10 CONTRACT AWARD QUANTITIES (JSC 52.215-91) (JAN 2000)

Proposals for quantities less than specified in the solicitation will not be considered for award (Reference paragraph (c)(4) of solicitation provision 52.215-1 Instruction to Offerors—Competitive Acquisitions).

(End of clause)

L.11 COMMUNICATIONS REGARDING THIS SOLICITATION (JSC 52.215-105) (DEC 1999)

Any communications in reference to this solicitation shall cite the solicitation number and be directed to the following Government representative:

Name: Charles C. Bell
Phone: 281-483-1372
(collect calls not accepted)

Address: NASA Johnson Space Center
Attn: Charles C. Bell
Mail Code: SEB 416
2101 NASA Road 1

QUESTIONS REGARDING THIS SOLICITATION MUST BE PRESENTED IN WRITING and should be submitted to the above address within 10 days of the Request for Proposal (RFP) issue date in order that answers may be obtained and disseminated in a timely manner, since it is not expected that a proposal submission date can be extended. Oral questions are not desirable due to the possibility of misunderstanding or misinterpretation. Questions shall not be directed to the technical activity personnel.

Note: Any written communications should include the mail code on the envelope to expedite processing.

(End of provision)

L.12 SUBMISSION OF PROPOSALS BY COMMERCIAL CARRIER (JSC 52.215-108)
(SEP 1988)

Offerors are advised that proposals sent to JSC by commercial carrier (e.g., Federal Express, Purolator, United Parcel Service) are NOT delivered directly to the place designated in the solicitation for submission of proposals. All parcels and packages delivered by commercial carriers are routed to the Transportation Branch in building 420 at JSC. If such a parcel contains on its visible, exterior surface the information required by the "Submission of Offers" provision of this solicitation (i.e., the time specified for receipt, the solicitation number, and the name and address of the offeror), it will be handled on an expedited basis by the Transportation Branch; however, depending on when it is received by the Transportation Branch, it MAY OR MAY NOT be received by the office designated for receipt of proposals by the required time. Transportation Branch personnel will NOT open the commercial carrier's package to determine its contents.

In view of the above, offerors who choose to submit proposals by a commercial carrier should, if they want to have reasonable assurance that their proposals will be timely received at the place designated in the solicitation, do the following:

- (a) make sure that the carrier puts the information required by the "Submission of Offers" provision ON THE EXTERIOR OF THE ENVELOPE IN WHICH HE DELIVERS THE PARCEL, and
- (b) get the proposal to the carrier in time for it to be delivered to the Transportation Branch at JSC ON THE DAY BEFORE THE SCHEDULED TIME DESIGNATED FOR RECEIPT OF PROPOSALS.

While taking the above steps should normally result in the timely receipt of proposals, offerors are reminded that proposals may be sent by U.S. Mail, and that clear and precise rules regarding the consideration of late submissions are set forth in the solicitation provision titled "LATE SUBMISSIONS, MODIFICATIONS, AND WITHDRAWALS OF PROPOSALS." Offerors are further reminded that it is their responsibility to get their proposals to the designated place on time. Proposals, which are sent by commercial carrier, are considered to be handcarried, and if they are received late at the place designated in the solicitation, they will only be considered if it is shown that the sole or paramount cause for the late receipt was some Government impropriety.

(End of provision)

L.13 OFFEROR ACCEPTANCE PERIOD

Proposals submitted in response to this solicitation shall remain firm for at least 180 days after the date specified for receipt thereof by the Government and shall contain a statement to this effect.

(End of provision)

SECTION L - PART II

INSTRUCTIONS FOR PROPOSAL PREPARATION

NOTE TO OFFERORS: For a better and more complete understanding of this part of Section L, you should also refer to Section M. The instructions in this part of Section L are directly related to the evaluation factors set forth in Section M.

1.0 INTRODUCTION

As detailed in the provision at L.7 entitled "PROPOSAL PAGE LIMITATIONS (NASA 1852.215-81)(FEB 1998)" proposals shall be submitted in four volumes.

Volume	Proposal Section
I	Management
II	Technical
III	Past Performance
IV	Cost/Price

It is NASA's intent, by providing the instructions set forth below, to solicit information that will demonstrate the offeror's competence to successfully complete the requirements specified in the Statement of Work (SOW), to determine its capability to successfully accomplish the effort defined therein, and to permit a competitive evaluation of its proposal. Generally, the proposal should:

- a. demonstrate understanding of the overall and specific requirements of the proposed contract;
- b. convey the company's capabilities for transforming understanding into accomplishment;
- c. present in detail, the plans and methods for so doing; and
- d. present, as requested below, the costs/prices associated with so doing.

In the event that other organizations are proposed as being involved in conducting this work, their relationships during the effort shall be explained and their proposed contributions to the work shall be identified and integrated into each part of the proposal, as appropriate.

2.0 GENERAL

Offerors shall provide twenty (20) copies of Volumes I and II, 15 copies of Volume III, and five (5) copies of Volume IV. In addition, offerors shall provide two (2) copies of their entire proposals electronically on CD ROM. As provided for in the provision at L.7, RFP Form 1, RFP Form 2, letters of commitment, the Safety and Health Plan, the Quality Control Plan, the Environmental Compliance Plan, the NASA Plan for Small Business Subcontracting, the Labor Relations Plan, and the completed Section K representations and certifications as well as all cost/price data forms are excluded from the proposal page limitation.

3.0 PERIOD COVERED BY PROCUREMENT

This solicitation covers a period of 5 years. For contracting purposes, this total period will be broken down in increments as follows:

<u>Anticipated Calendar Time</u>	<u>Duration</u>	<u>Contractual Coverage</u>
1/31/02 - 3/31/02	60 Days	Phase In
4/1/02 - 3/31/04	2 Years	Base Period
4/1/04 - 3/31/05	1 Year	Firm Option
4/1/05 - 3/31/06	1 Year	Firm Option
4/1/06 - 3/31/07	1 Year	Firm Option

Offerors shall submit firm cost/price proposals for each of the 5 years of the procurement and phase in. More information on preparation of the cost/price proposals is contained later in Section L under instructions relating the cost/price factor.

The options identified above will be exercised only if the requirements of FAR 17.207(c) have first been met. The Government is not obligated to exercise any option if it determines for any reason that doing so is not in its best interest.

4.0 FACILITIES AND GOVERNMENT-PROVIDED PROPERTY AND SERVICES

4.1 Government-Provided Property and Services

Services and property to be furnished by the Government for use on the proposed contract are as set forth in Section G, JSC Alternate I to NASA Clause 18-52.245-77, LIST OF INSTALLATION PROVIDED PROPERTY AND SERVICES and NASA 1852.245-76 LIST OF GOVERNMENT-FURNISHED PROPERTY.

5.0 PROPOSAL CONTENT

Offerors are requested to provide information responsive to the items set forth below. This information is considered essential for the Government to conduct a fair and uniform evaluation of proposals in accordance with the evaluation factors and subfactors provided in Section M. The items listed are not, however, all-inclusive, and offerors should therefore include in their proposals any further discussion that they believe to be necessary or useful in demonstrating their ability to understand and perform the work under the contemplated contract.

5.1 VOLUME I – MANAGEMENT

A. Safety and Health Plan

A Safety and Health Plan, prepared in accordance with the requirements of DRD No. SA-1-1, is to be submitted with your proposal. The plan is to include a detailed discussion of the policies, procedures, and techniques that will be used to ensure the safety and health of your employees (and subcontractor employees, if a subcontracting arrangement is proposed) and to ensure the safety of all working conditions throughout the performance of the contractual effort.

B. NASA Plan for Small Business Subcontracting Goals

For purposes of FAR clause 52.219-9, the terms, "HUBZone Small Business Concern," "Small Disadvantaged Business Concern," "Veteran-Owned Small Business

Concern," and Women-Owned Small Business Concern" are defined in paragraph 2.101 of the Federal Acquisition Regulation.

The total subcontracting goal expressed, as a percent of total contract value, is 36 percent. The percentage goal, (36 percent), includes the following goals expressed as a percent of total contract value:

Small Disadvantaged Business Concerns,	_____ 17.0 percent;
Women-Owned Small Business Concerns,	_____ 6.0 percent;
HUBZone Small Business Concerns,	_____ 2.0 percent;
Veteran-Owned Small Business Concerns,	_____ 0.25 percent.

C. Management Approach

(1) Quality Control

Describe the quality control policies, standards, procedures, and techniques that you propose to use to ensure quality control through the contract. Describe your implementation plan to acquire your ISO 9001-2000 certification within one year. Fully explain your rationale for the approaches proposed. Provide a draft Quality Control Plan that addresses the requirements outlined in DRD No. AN-1-2, plus any other items you consider important.

(2) Environmental Compliance

Describe the policies, standards, procedures, and techniques you shall use to ensure compliance with all environmental contract requirements. Fully explain the rationale for the approaches proposed. Provide a draft Environmental Compliance Plan that addresses the requirements outlined in DRD No. AN-9-1, plus any other items you consider important.

(3) Phase-in (Transition)

A phase-in period is anticipated during which staffing buildup, training and gradual assumption of responsibilities will transpire during 60 days prior to contract start. Each offeror shall provide the information requested in the following paragraphs relative to the proposed phase-in plan.

a. Describe in detail your plans for certifying and training your personnel for assuming operational responsibility, including key and critical personnel and functions.

b. Describe in detail the plan for effecting a smooth phase-in without compromising effective and efficient operations at JSC. Provide the management milestones, and all associated schedules that you believe are required from start of phase-in to the full assumption of contract responsibilities. Identify the group of management milestones to be accomplished within the following time intervals: 1/31/02 to 2/14/02, 2/15/02 to 2/28/02, 3/1/02 to 3/14/02, 3/15/02 to 3/31/02.

Deleted: 2/1/02

c. For the four milestone groups, offerors are requested to: (1) provide a detailed plan inclusive of personnel responsible, (2) provide all relevant interim and final schedule dates to be met, and (3) propose objective criteria for the Government to use to determine that the milestone group has been achieved. At a minimum, each phase-in performance milestone described below in paragraphs i. through x should be discussed.

i. Milestone 1: The successful offeror has hired all personnel it proposed as key personnel and all of these personnel are onsite at JSC and performing work. This milestone shall be fully achieved no later than February 15, 2002.

ii. Milestone 2: The successful offeror is able to fully operate the Computerized Maintenance Management System inclusive of: (1) ability to receive work, (2) ability to appropriately dispatch appropriate personnel across a broad range of requirements, and (3) ability to track requests, schedule work, complete tasks, effectively control quality, and document completion. This milestone shall be fully achieved no later than March 15, 2002.

iii. Milestone 3: At least 90% of all personnel proposed to perform all contract requirements have provided written acceptance of firm job offers. This milestone shall be fully achieved no later than March 15, 2002.

iv. Milestone 4: The successful offeror has hired all critical personnel including staffing of operating engineers and other personnel to support Building 48 operations. This milestone shall be fully achieved no later than March 15, 2002.

v. Milestone 5: The successful offeror has subcontracts in place with NASA-approved hazardous waste transportation, treatment-storage-disposal, and recycling subcontractors and has comprehensive ability to manage all wastes. This milestone shall be fully achieved no later than March 31, 2002.

vi. Milestone 6: The successful offeror has identified an emergency spill response team that is properly trained and available. In addition, the successful offeror has all necessary spill response materials on site and in a trailer, including a vehicle to tow it, to any potential spill site. This milestone shall be fully achieved no later than March 31, 2002.

vii. Milestone 7: The successful offeror has implemented an appropriate system to account for all Government furnished property. Furthermore, the successful offeror is prepared to perform an inventory of that property and is prepared to sign for accountability of the property upon completion of the inventory. This milestone shall be accomplished no later than March 31, 2002.

viii. Milestone 8: The successful offeror has completed JSC's clearance and badging as well as training requirements for all personnel necessary to perform the full scope of contract requirements. This milestone shall be fully achieved no later than March 31, 2002.

ix. Milestone 9: the successful offeror has implemented an accounting system fully capable of accurately accounting for actual completion of tasks at the workload unit level for each CLIN identified in the contract as necessary to submit proper invoices and workload metrics. This milestone shall fully achieved no later than March 31, 2002.

x. Milestone 10: The successful offeror has successfully completed all negotiations with any unions representing workers to be used in performance of this contract and has provided the Government with signed copies of all collective bargaining agreements (CBA's). This milestone shall be fully achieved no later than March 31, 2002.

(4) Labor Relations Plan

The offeror shall complete compensation forms (a), (b), (c), and (d) as described in the instructions for preparation of the Cost/Price volume (for contract year 1 only). In addition, the offeror shall submit a complete discussion of the following:

a. Describe your company history during the past 3 years in working with organized labor. Provide the names of the unions that you have negotiated with, the location of the worksite, how many employees are represented, and the average number of grievances per year that your company receives.

b. Describe the experience of the proposed person responsible for working labor relations issues within your company; including: (1) the person's experience in negotiating CBA's and resolving grievances; (2) where will that person be located onsite at JSC; and (3) describe how day-to-day issues will be handled.

c. Describe your company plan with respect to the use of organized labor on this contract. Describe your plan for recognizing the existing CBA's, negotiating new agreements, or complying with the economic terms only and not recognizing the union.

d. Describe how your proposal is in compliance with all existing wage determinations.

e. Describe the methods your company plans to use to promote and maintain harmonious labor relations during the transition phase and during contract performance.

(5) Organizational Approach

a. Describe the proposed organizational structure, including a chart depicting the proposed organization, and provide the rationale for its application to the contract requirements. Discuss the status of formal arrangements with any proposed subcontractors, team members, or joint venture partners.

b. Describe the communication channels, lines of authority (including the line of succession if Project Manager is unavailable), reporting relationships, and responsibilities of all organizational elements. Include in this discussion any proposed subcontractors, team members, or joint venture partners proposed, to illustrate their relationships within the proposed structure or between the organizational elements and any other proposed subcontractors, team members, or joint venture partners. Describe the reporting responsibilities of the Project Manager to corporate management and the relationship between the Project Manager and the prime offeror's corporate management as well as the management of any proposed subcontractors, team members, or joint venture partners.

c. Describe the organizational elements within the overall organization considered most critical to satisfactory accomplishment of all performance requirements and provide rationale as to why these are judged most critical within the framework of the overall organization. Provide supporting rationale that demonstrates the proposed organizational approach will ensure success in each of the critical areas identified.

d. Describe the management policies, procedures, and techniques the prime offeror and any proposed subcontractors, team members, or joint venture partners will use to create a single face to the Government (e.g., once a task is assigned to the Center Operations Support Services (COSS) prime offeror, the prime offeror coordinates the work through different functional areas, including any proposed subcontractors, team members, or joint venture partners without Government involvement). Describe how the management policies, procedures, and techniques proposed will be monitored to ensure their effectiveness.

e. Describe any corporate monitoring, oversight, or assistance (e.g., semi-annual reviews of the COSS quality or safety program by the corporate Quality or Safety Offices) you propose to use to compliment performance by the COSS contractor staff. Describe the level at which you intend to implement corporate monitoring, oversight, or assistance (e.g., at the prime contractor level only or inclusive of any proposed subcontractors, team members, or joint venture partners). Describe how implementation will be accomplished.

(6) Key Personnel & Staffing

a. Complete RFP Form 3 for each person proposed to perform the functions of Project Management and for each person directly responsible for managing each Annex of the SOW. The personnel performing these functions are considered key personnel in accordance with the NASA FAR Supplement clause at 1852.235-71.

b. Describe the recruitment and employment methods and policies your company will use to staff your organization. This description should address initial staffing requirements as well as those for the duration of the contract. Provide your rationale for selecting the proposed staffing methods and policies. Include a table of personnel sources, noting the percentage of the total workforce you intend to recruit from the following sources:

- i. Offeror's own resources
- ii. Other divisions of the company
- iii. Incumbent contractors' workforce
- iv. Outside recruitment

If incumbent personnel are being proposed in this proposal, indicate the percentage of personnel anticipated to be retained and compensation information. The percentage of personnel anticipated should be broken down to the following areas at a minimum: exempt, non-exempt non-union, and non-exempt union. The compensation information should address whether the incumbents will be retained at their current rate of pay and whether seniority rights will be maintained for fringe benefits purposes.

c. Describe the initial steps that have been taken regarding recruitment. Submit appropriate substantiating documentation, including letters of commitment to support the offeror's ability to provide those skills defined in Annex 4, personnel requirements including Building 48 operators and operating engineers, as well as the offeror's ability to support activities related to the Center's high voltage electrical system. If letters of commitment cannot be obtained, demonstrate that your total compensation package will be sufficient to retain any incumbent personnel.

d. Describe your training program for new hires. Describe how, once on the job, employee training will be accomplished and monitored. Describe the

minimum qualification standards you will use to determine if an employee is suitable for hire or promotion into a key position.

e. Describe your plan to maintain an experienced workforce while adapting to significant workload fluctuations during periods of increasing or decreasing requirements.

f. Describe effective techniques that will be used to minimize turnover and retain experienced personnel.

g. Describe how you will ensure the availability of personnel for special or emergency tasks during standard and non-standard working hours (e.g. weekends, holidays, and evenings). Describe how you will obtain technical expertise beyond the capabilities of your local JSC organization to resolve critical technical requirements or unique problems.

h. Describe the minimum qualification standards (training, certifications, type and length of experience, etc.) you will use to replace key or critical personnel, if required, during the term of the contract. Provide this information for each key or critical position. Describe how key or critical personnel will be monitored to ensure that they satisfy the minimum qualification standards and how you will determine if the minimum standards are stringent enough. Describe what, if any, policies you proposed to implement to improve the key or critical personnel or the minimum qualification standards over the life of the contract.

5.2 VOLUME II – TECHNICAL PERFORMANCE

A. Understanding of Requirements (General)

(1) Describe the process you will use to monitor, accurately identify, and control risks. Identify those areas of risk you believe should be addressed relative to performance of work under this contract and your plans to mitigate or accept each risk.

(2) Describe how you will ensure the complete success of each special event sponsored by JSC's Center Director (Reference Annex 3.2.3). Describe the oversight, coordination, skills, staffing levels, and physical resources you shall put into place to support real-time, short lead-time requirements before and throughout these events.

(3) Describe the innovative techniques you plan to employ to maximize operational efficiencies and reduce Government inventories at JSC without compromising timely availability of items when required (e.g., JSC currently uses a Just-in-Time (JIT) program for office supplies through a General Services Administration schedule vendor). Provide an explanation of all the specific technologies and/or processes that you will implement. Describe how you will efficiently maintain inventories for critical spare items currently in stock.

(4) Describe the method(s) you will use to provide real-time engineering support in the field to assist craftspeople and superintendents with issues as they occur in various site locations (e.g., operations, maintenance, and repair problems). Describe the engineering resources, capabilities, and tools that you will provide in the field. Describe the process by which the craftspeople and superintendents shall use to call upon this engineering support. Demonstrate that the available resources and proposed process will ensure a timely and adequate engineering solution to support contract requirements. Fully describe the

interrelationship between this engineering support and the engineering support provided in Annex 5.

(5) Describe how you will perform work with other contractors to ensure an integrated, fully-operational Energy Control Management System is available at all times. Describe the personnel assigned to ensure coordination occurs, the processes that you will use, the lines of communications that you will establish between the prime offeror, proposed subcontractor, any proposed team members, and the Government. Explain how the effectiveness of this coordination will be evaluated.

(6) Describe how the highly critical Building 30/48 Mission Control Center complex shall be operated including all delegations of authority, to support contract requirements. Describe your staffing and training plan to adequately maintain an experienced work force to support up to 10 Space Shuttle Flights per year and training simulations throughout the year (e.g., adequate number of properly trained operating engineers are available for each flight).

Describe your process for integrating and coordinating with the Mission Operations Directorate (MOD), the organization responsible for mission control, to ensure maintenance and operation of these facilities does not interfere with MOD's mission.

Describe your process for documenting and correctly updating the facility as-built drawings when maintenance or repairs cause a change in a facility (e.g. Building 30/48).

(7) Describe how Work Control, identified in CLIN 1.2, will be structured and accomplished, including all delegations of authority, to meet the contract requirements specified. Describe your process for receiving, scheduling, tracking, completing, and closing out work. Describe how delayed work will be tracked, rescheduled, and completed. Describe the mechanism you will use to match the correctly trained and skilled manpower to the work requirement. Describe how work control's effectiveness will be monitored, measured, and controlled.

Describe the process that you will use to provide a single work order number for all requested work and a cradle-to-grave audit trail regardless of the project/task phasing (number of Annexes that support the work) or the number and kinds of crafts assigned to complete the work.

Describe the process you will use to handle requests for task plans under Annex 13 for maintenance or repair of user or non-specified equipment. Describe how you will respond to emergency requests for problem mitigation or repair to user or non specified equipment.

B. Understanding of Requirements (Annex Level)

By Annex, and for the major functional areas within each Annex, describe each of the items requested below in specific and concise terms using techniques such as logic and flow diagrams, charts, or matrices. As applicable for each item requested below, describe the basic set-up, sequential flows with typical timelines, the degree of automation planned, interfaces internal and external to the COSS contract, and how each will be monitored to assure it's working properly.

(1) Describe how you will meet contract requirements in each Annex including how work will be:

- a. Received
- b. Reviewed
- c. Prioritized
- d. Scheduled
- e. Tracked
- f. Performed

(2) Describe:

- a. How your Quality Control program will effectively monitor products and services to ensure that they meet contract requirements.
- b. The specific metrics that you will use in each Annex (including those for the high visibility areas)
- c. The performance each metric will be designed to measure.
- d. For each metric, give the value(s) that will trigger actions to fix the problem with the deliverables.
- e. Description of the actions that will occur if that trigger is reached.
- f. Specific methods that the offeror will use to monitor, identify, and control risks such as occupational safety, damage to property, and contamination of property resulting from or occurring while performing facilities-related work.

(3) Identify and describe:

- a. Where you will use effort from one Annex to support the accomplishment of requirements in other Annexes.
- b. The impact of the interrelationship. (e.g., maintenance reviews of Annex 5 designs to ensure equipment maintainability to support Annex 2 work.).
- c. Any information generated within an Annex that is essential or useful in the effective performance of contract requirements in other Annexes.
- d. How the quality of this information shall be monitored and maintained.
- e. How information shall be disseminated to each applicable Annex.
- f. The controls (including lines of authority) that will be used to ensure control and disseminate information from one Annex to another.
- g. The requirements for which estimating procedures will be required to process work.

(4) During handoff of products from one Annex to another, if the product is returned to the previous Annex for rework, describe how work will be:

- a. Tracked
- b. Scheduled
- c. Reprioritized

C. RFP Issues

(1) Describe how you shall implement customer support and how you plan to develop and maintain customer relationships. Describe the techniques, processes, or tools you will use to measure the effectiveness of your customer support and if customer expectations are being met.

Describe how you will provide effective customer service across the entire contract. Specifically, discuss how customer service will be handled when it involves direct COSS contractor interaction with JSC customers both within and outside of the Center Operations Directorate (COD), the organization managing this contract. Describe the steps that you will take to ensure that customer interactions are positive (e.g., meeting contract requirements in a friendly, professional manner). Describe the steps that you will take, if any, to continuously improve customer service. Describe procedures, techniques, or methods that you will use to monitor, identify, and promptly correct customer service problems.

(2) Describe your method for disseminating real-time, accurate, and current information to numerous site customers requesting work from you as the COSS contractor. The information to be addressed includes, but is not limited to, such data as work order number, COSS point of contact, scheduled completion data, and work status (open, in process, or closed). Describe the techniques, technologies, methodologies, and systems that you shall use to satisfy this requirement. Describe the specific information you will provide, how frequently it will be provided, how it will be acquired, updated, checked for accuracy, and distributed as well as identify the people to whom the information will be provided. Identify the method(s) and system(s) that you will use to create your metrics.

(3) Each Offeror is requested to propose effective and efficient tools, systems, or capabilities it offers to provide in order to enhance its ability to perform contract requirements. For any tool proposed, the offeror shall fully describe the tool, identify the contract requirements that will benefit from its use, and explain how it can improve performance. For any system proposed, the offeror shall fully describe the system, identify any existing system(s) it is intended to replace, describe how any existing system(s) would be transitioned to the new system, identify the contract requirements that will benefit from using the new system, and describe how the system can improve performance. For any capability proposed, the offeror shall fully describe the capability, demonstrate possession of the capability, identify the contract requirements that will benefit from the proposed capability, and describe how the capability can improve performance.

5.3 VOLUME III - PAST PERFORMANCE

The Source Evaluation Board will contact organizations for which your company has previously performed work in order to obtain appraisals of your company's performance. In order to facilitate these checks, when completing the forms identified below, supply the name, address, and telephone numbers of customers' technical managers and contracting officials most familiar with the contract for which the data is being provided. Offerors should ensure that phone numbers and times of availability provided for references are current and correct.

A. Past Performance Data

Complete RFP Form 1 to identify up to 10 contracts (completed and ongoing) over \$1 million in total value that the prime contractor or any proposed joint venture partner(s) has had within the past three years that best shows your ability to perform the COSS contract work. Additionally, each proposed subcontractor / team member expected to perform

COSS services over \$1 million total, shall complete Form 1 to identify up to 10 contracts (completed and ongoing) held by those legal entities during the past three years that best shows their ability to perform COSS work. Identify those contracts that are held by the same legal entity (e.g. company / division, or subsidiary), if applicable, that will perform under the proposed contract.

B. RESERVED

C. Safety and Environmental Performance

Offerors as well as any proposed joint venture partner(s) shall provide a statement of its past safety performance on contracts identified in A above. A statement shall be submitted regarding any OSHA citations of your company's operations during the past five (5) years. For those contracts cited in A above, records of your company's OSHA recordable injuries and illnesses are also to be included. The records will typically include, for each worksite, as a minimum, one copy of each year's OSHA logs for these past five (5) years as required by Title 29 of the Code of Federal Regulations, Section 1904.5(d) including the number of employees at the worksite and the calculated OSHA recordable frequency rate; and the Standard Industrial Classification Code utilized. At its option, offerors may submit a Consolidated Form 200 for all facilities or copies of the OSHA Form 200 for each facility during the requested period. If you propose a joint venture, team member, or prime/subcontractor relationship with multiple legal entities, the same information shall be provided for all legal entities identified in the proposal.

Offerors shall provide a statement of their past environmental performance. A statement shall be provided regarding any environmental related citation of your company's operations in the past five years. Citations may have come from federal, state, and local environmental agencies. If you propose a joint venture, team member, or prime/subcontractor relationship with multiple legal entities, the same information shall be provided for all legal entities identified in the proposal.

In addition to the above, a list of all safety and health insurance carriers that have underwritten the offeror's worker's compensation program or equivalent for the last five (5) years shall be provided. This list of insurance carriers shall include a point of contact and phone number to aid proposal evaluators in verifying the offeror's statements of its past safety and health performance. Please authorize these carriers to respond to questions by the Government. In addition, the worker's compensation experience modifier, including the respective state's formulas utilized for the computation shall be included; along with the loss ratio for the past five (5) years (where the loss ratio is defined as the ratio of losses to insurance premium). All figures used for computation shall be shown. Information on the liability and lawsuit history related to safety and health performance shall also be provided. Data shall be provided in the form of a certification letter from the insurance carrier. In the event that the company is self insured, the same information shall be provided and certified with the signature of a responsible company official. If you propose a joint venture, team member, or prime/subcontractor relationship with multiple legal entities, the same information shall be provided for all legal entities identified in the proposal.

D. Quality System Experience

Each offeror is requested to provide copies of ISO certifications it has received elsewhere in the past three (3) years. If you propose a joint venture, team member, or prime/subcontractor relationship with multiple legal entities, the same information shall be provided for all legal entities identified in the proposal.

E. Historical Financial Performance and Condition

Demonstrate past financial performance in a discussion that reconciles to data reported in financial statements. This information is required of the prime offeror only; unless, a teaming arrangement is proposed. If a teaming arrangement is proposed, submit the required data for all team members. Include, as a minimum, the following information:

- a. Complete name and location of the division or entity proposing the effort.
- b. Complete name and location of the parent corporation, if applicable.
- c. Recent history of earnings (last 3 years) of the division or entity involved in the procurement. Include a hard copy of current financial statements.
- d. A general statement of the financial strength of the company and of its resources capability to finance the start-up funds (e.g., initial capital expenditures and increases in accounts receivable) and to perform the contract, covering such items as:
 1. The most recent balance sheet, plus the balance sheet as of the end of the prior accounting period.
 2. The firm's credit line and/or source of funds.
 3. Statement as to whether or not the company entity proposing this effort is guarantor on any note(s).
 4. Current commitments to other contracts.
 5. Company's ability to support short notice backup for critical skills, material acquisition, and other "home office" support services that may be required under this contract.

5.4 VOLUME IV – Cost/Price Proposal

A. General Cost/Price Instructions

This procurement will require the submittal of one cost/price proposal for the following areas: cost reimbursement, firm fixed price lump sum, ID/IQ, and labor relations. The cost/price proposal should be divided into these four sections and properly identified.

You are required to submit a set of ID/IQ rates that will be used for fixed priced delivery orders (Annex 6). You will also be required to submit another set of rates for the cost reimbursement task orders (Annex 13). You are to propose a Not-To-Exceed award fee rate for cost reimbursement task orders.

You are required to submit all the required cost forms to support the cost reimbursement portion. The cost forms are described in detail in this section. The cost proposal shall encompass all cost/price elements associated with the requirements of the contemplated contract and shall comply with applicable Federal Acquisition Regulation (FAR), NASA FAR Supplement (NFS), and governing statutory requirements, including Public Law 87-653, Truth in Negotiations Act, and Public Law 100-679, Cost Accounting Standards.

To ensure that the Government is able to perform a fair assessment of the proposed cost/price, each offeror is required to submit the information requested in this volume. A cost realism analysis will be performed to assess whether the costs are realistic for the work to be performed and to assess whether the requirements are fully understood. It will also be used to assess whether the offeror will be able to satisfactorily perform as well as assess the financial responsibility of the offeror. Unrealistic estimates proposed by the offeror shall be presented to the Source Selecting Authority (SSA) who will consider the potential contractor's financial and performance impacts in performance of the SOW. Each cost proposal shall be

suitable for evaluation and include supporting information cross-referenced to allow traceability/reconciliation to the technical/management proposal(s).

Each offeror is required to enter all unit rates, prices or cost estimates necessary to complete the cost/price schedules contained in Section B of the RFP. The schedule at Section B, B.8 contains fixed prices for services can be acquired by delivery orders. The schedule at Section B, B.10 contains fixed bare labor rates that can be used when pricing delivery orders in accordance with Annex 6 of the SOW. Similarly for cost reimbursable ID/IQ requirements, the schedule at Section B, B.9 contains pre-established cost estimates for commonly needed services that can be acquired by task orders. Also, the schedule at Section B, B.11 contains pre-established loaded labor rates that will be used when establishing task order cost estimates under Annex 13 of the SOW. These unit rates will be used for cost reimbursement ID/IQ task orders. Finally the schedule at Section B, B.12 contains pricing coefficients to be used in pricing ID/IQ work. The coefficients for Means cost data and the coefficients for non-prepriced work are only used to price fixed price delivery orders. The coefficient factor for materials and equipment rental and the coefficient factor for subcontracted work will be used to price both fixed price delivery orders and cost reimbursement task orders. Therefore, it is important that you are realistic in developing your rates and coefficients.

Note: These instructions apply to the offeror proposed as prime and all proposed major subcontractors with an annual estimated value that exceeds \$ 1 Million.

All pricing and estimating techniques shall be clearly explained in detail (projections, rates, ratios, percentages, coefficient factors, etc.) and shall support the proposed prices in such a manner that audit, computation, and verification can be accomplished. Also, any experience factors (unit prices, hours, quantities, etc.) and judgmental projections shall be explained. All past actuals shall show the periods of time and prices or costs in detail when used as a basis for estimating the proposed prices. The offeror shall discuss the rationale for any escalation proposed for each price element. The offeror shall also include the company's escalation history for each price element for the past 3 years.

Note: FAR Clause 52.222-43 Fair Labor Standards Act (FLSA) and Service Contract Act (SCA)—Price Adjustment (Multiple Year and Option Contracts). Direct labor covered by this clause (i.e. non-exempt labor used to price work performed under Annex 6, 7, and 14) shall not be escalated. This clause prohibits offerors from including contingent pricing in its proposal to address anticipated future labor cost increases related to the fixed price. However, the clause does allow for future equitable adjustment in contract price for any actual adjustments to minimum wages required by the Government for those categories of direct labor covered by the clause.

Phase-in:

Include the estimated price associated with Phase-in on the B.7 Schedule of Prices forms. Include all phase-in prices on the FFP lump sum forms only. The price included on the FFP lump sum form should reconcile to the total of milestones one through four for phase-in on B7. These prices shall be what you will charge the Government for these services.

The resources required to accomplish the phase-in work at the Annex level should be provided on the "Annual Annex Resources Form (AARF)". For the FFP lump sum and all IDIQ (annex 6 & 13) work provide the resources on the AARF under the FFP lump sum portion. For the non-IDIQ Cost Reimbursement (CR) work, provide the resources on the AARF under the CR portion. A check box, "[] IDIQ phase-in (Annex 6 & 13)", has been added to account for the all resources associated with Phase-in. When checking this box, the only column required to be filled out is phase-in. You should include all resources anticipated in performing the phase-in on the resources forms even if you will not charge the Government for the total amount. For example, if you anticipate that it will take XYZ resources to accomplish Annex 1, then include

that amount on the appropriate AARF; even if you only plan to charge the Government a fraction of the actual cost incurred.

HARDCOPY AND COMPUTERIZED PRICE PROPOSAL INPUT:

The Government intends to use an IBM-compatible personal computer with Microsoft Excel to aid in the evaluation of the cost proposal. In addition to providing hardcopies of all forms described below, each offeror and subcontractor is required to submit electronic pricing data including formulas on CD-ROM. The submission of pricing data on CD-ROM is required to be compliant with the RFP instructions. The workbook file identifies tab names that correspond to each specific form identified in the RFP. The offeror is required to complete each of these forms with the same data that is supplied on the hard copy forms.

The file names and location of forms are located in the following table:

Form Name	Form Location (file name / tab)
Cost Reimbursement Forms:	
Annual Annex Summary Form (AASF)	CR.xls / AASF
Annex Cost Summary Form (ACSF)	CR.xls / ACSF
Annual Annex Resources Form (AARF)	CR.xls / AARF
Rates Form	CR.xls / RATES
FFP Lump Sum Forms:	
FFP Lump Sum: Annual Annex Summary Form (AAPSF)	FFP.xls / AASF
FFP Lump Sum: Annex Price Summary Form (APSF)	FFP.xls / APSF
FFP Lump Sum: Annual Annex Resources Form (AARF)	FFP.xls / AARF
FFP Lump Sum: Rate Form	FFP.xls / RATES
IDIQ Forms:	
ID/IQ Development Form--Annex 13	IDIQ.xls / development form -- annex 13
ID/IQ Contract Rates -- Annex 13	IDIQ.xls / contract rates-annex 13
ID/IQ Bare Labor Cost (Annex 6)	IDIQ.xls / bare labor-annex6
Coefficient Factor - Means Cost Data Normal Work Hours	IDIQ.xls / means core
Coefficient Factor -- Means Cost Data Other Than Normal Work Hours	IDIQ.xls / means non-core
Coefficient Factor -- Non-Prepriced Work Normal Work Hours	IDIQ.xls / nonprepriced core
Coefficient Factor -- Non-Prepriced Work Other Than Normal Work Hours	IDIQ.xls / nonprepriced non-core
Coefficient Factor -- Subcontracted Work	IDIQ.xls / subcontracted work
Coefficient Factor -- Materials and Equipment Rental	IDIQ.xls / matl & equip
Prime and Subcontractor Estimated Percentage Breakout of Work	IDIQ.xls / prime & sub
Labor Relations Forms:	
Salaries and Wages Non-Exempt	Comp forms.xls / Form a
Salaries and Wages Exempt	Comp forms.xls / Form b
Fringe Benefits Analysis of Compensation	Comp forms.xls / Form c

Package	
Personnel and Fringe Benefits Policies	Comp forms.xls / Form d

Also include as forms in the cost proposal (1) all forms required in Section B and (2) the schedule of workload adjustment values contained in Section J, Attachment G. These forms should also be submitted in hardcopy as well as electronically.

Offerors shall not adjust the spreadsheet file formats, except as required for formatting such as column widths, row heights and adding columns and rows to accommodate data. The location and contents of individual cells must not be adjusted.

Each CD-ROM shall have an external label affixed indicating:

- (1) The name of the prime offeror
- (2) The name of the proposed subcontractor, if applicable
- (3) The RFP number.
- (4) An indication of the files or range of files contained on the disk.

B. Cost instructions for preparation of Cost Reimbursement Portion

This section affects Annexes: 1, 2, 3, 4, 5, 8, 9, 10, 11, and 12. The offeror is required to complete the four forms provided for the non ID/IQ cost reimbursement portion of the SOW. These forms are described below and consist of the following: Annual Annex Summary Form (AASF), Annex Cost Summary Form (ACSF), Annual Annex Resources Form (AARF), and the Rates Form. Ensure that these forms reconcile with each other, where appropriate. Also, provide a description of your proposed fee structure. Also, to facilitate potential future contract administration as contemplated in the clause at H.10 entitled "Contract Adjustment for Completion Form," each offeror shall enter its estimated workload unit values (estimated cost, excluding fee) in Section J, Attachment G.

(1) Annual Annex Summary Form (AASF)

The AASF is required only of the offeror proposed as prime; however, requires the offeror proposed as prime to consolidate all cost and fee by Annex. Therefore, the offeror proposed as prime is responsible for integrating all required pricing information (prime and all proposed subcontractor(s)) into this form. Proposed subcontractors' fee should be shown as fee on this form. Therefore, all proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. A reference column has been provided on the templates for the offeror to use to identify the supporting narrative data for each cost element. The detailed data (narrative and schedules) should be clearly displayed so that the Government may understand the cost development and computations.

(2) Annex Cost Summary Form (ACSF)

A separate APSF is required from the offeror proposed as prime and each proposed major subcontractor. This form should include cost summary level information for all cost reimbursement Annexes: Annex 1, 2, 3, 4, 5, 8, 9, 10, 11, and 12. It requires cost estimates by cost elements: Labor Hours (offeror proposed as prime vs. sub), Labor Cost (straight vs. overtime), Subcontractor cost (cost vs. fee), Other Direct Costs (materials, equipment, etc.), Overhead cost, G&A cost, Facilities Capital Cost of Money (FCCOM), and

Fee by contract year. A reference column has been provided on the templates for the offeror to use to identify the supporting narrative data for each cost element. The detailed data (narrative and schedules) should be clearly displayed so that the Government may understand the cost development and computations. A detail narrative basis of estimate shall be provided for all proposed price elements; including estimating methodology, references, company history, etc.

The major subcontractors should fill this form out as a prime and check the box "[] Subcontractor". For example, do not include all cost under just the two cost areas for subcontractors. Instead provide your cost broken out by all cost elements (hours, labor, overhead, G&A, etc.) provided on the form. All cost forms that are considered to have proprietary data on it may be submitted to the Government via the prime offeror in a sealed envelope. However, ensure that the prime is at least provided the necessary data to fill out their forms such as cost and fee broken out.

(3) Annual Annex Resources Form (AARF)

The AARF is required only from the offeror proposed as prime; however, it requires the offeror proposed as prime to consolidate all resources data (hours and ODC) by Annex. Therefore, the offeror proposed as prime is responsible for integrating all required data (prime and all proposed subcontractor(s)) into this form. All proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. This form should reconcile to the ACSF.

The offeror shall complete the AARF to show the total resources (hours and other direct costs) by year at the Annex level. Provide a separate form for each Annex identified on the form. A check box has been added, "[] IDIQ Phase-in (Annex 6 & 13)", to account for the resources associated with phase-in. When checking this box, only the phase-in column is required to be filled out. The following provides a brief explanation of the cost elements included on the form:

a. Labor Hours: The offeror shall provide a complete schedule of all proposed labor in sufficient detail to allow for the analysis of labor requirements time-phased and identified by labor categories listed on Schedule B. The information provided on this form must be at the Annex level. Do not provide this information by task level. Provide a separate detailed narrative explaining the reason for proposing the skills and hours for each Annex.

b. ODC: The offeror shall provide an estimated cost for ODC that shall include, but not be limited to, materials and minor subcontracts. ODC shall be time-phased and identified by cost element over the estimated term of the contract. The rationale shall support the quantity of ODC (e.g., materials, equipment and other).

The following supplemental price element data, where appropriate, shall also be submitted:

i. Purchased Parts & Raw Materials - For major items, provide a description of the manufacturer's part number, quantity, unit cost, total costs, anticipated source (manufacturer), and basis of estimate (e.g., vendor quote, prior buy, engineering estimate).

ii. Minor Subcontracted Items - Provide a separate cost breakdown for each minor subcontract.

iii. Interdivisional Transfers (between plants and divisions) - Provide a separate breakdown of costs.

Note 1: The basis of estimate (BOE) narrative can address the estimate down to the task level if necessary. For Example, your estimate for Annex 1 may be XYZ hours and it is comprised of "123" hours for 1.3.1 and "456" hours for 1.4.1 and so forth. Your BOE narrative explanation may address the significant task that comprises the total Annex. It is important that sufficient information is provided to assure the Government that you understand the requirements and proposed adequate and sufficient resources to satisfy the requirements. A cost realism analysis will be performed; therefore, it is important to propose realistic estimates.

Note 2: The supporting rationale associated with all proposed resources shall be submitted as a word document and shall be adequately cross-referenced to facilitate a comprehensive evaluation. It is important that in this word document, you provide adequate support (cost estimating relationships, historical experience, parametric estimates, etc.) for all proposed estimates.

(4) Rates Form

This form is required of the offeror proposed as prime and each major subcontractor. This form shall provide the Government annual labor and indirect rates. The offeror shall include all labor categories proposed on the AARF. The rates included on this form for direct labor shall be straight time rates. The column entitled "source" is intended for you to include the source data such as department of labor wage determination number or collective bargaining agreement number.

Included on the form are the indirect rates information required. Offerors shall provide a written explanation for each rate proposed. For example: "the material handling rate of XYZ% is based on the latest budgetary data audited by XYZ for calendar year 01."

C. Cost instructions for preparation of Firm Fixed Price (FFP) Lump Sum Portion

This section affects Annexes: 7 and 14. These Annexes are firm fixed priced; therefore, prices must be realistic. The offeror will have to perform the requirements under these Annexes at the proposed prices. The offeror is required to complete the four forms provided. These forms are described below and consist of the following: FFP Lump Sum: Annual Annex Summary Form (AASF), FFP Lump Sum: Annex Price Summary Form (APSF), FFP Lump Sum: Annual Annex Resources Form (AARF), and the FFP Lump Sum: Rates Form. Ensure that these forms reconcile with each other, where appropriate. In addition, each offeror shall enter its fixed prices, including one for each phase-in milestone, into Section B. Each offeror shall ensure that the phase-in milestones are appropriately priced to constitute full payment for all phase-in services.

(1) FFP Lump Sum: Annual Annex Summary Form (AASF)

The AASF is required only of the offeror proposed as prime; however, it does require the offeror proposed as prime to consolidate all cost, profit and prices by Annex. Therefore, the offeror proposed as prime is responsible for integrating all required pricing information (prime and all proposed subcontractor(s)) into this form. Any proposed subcontractors' profit should be shown as profit on this form. Therefore, all proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. A reference column has been provided on the templates for the offeror to

use to identify the supporting narrative data for each line item. The detailed data (narrative and schedules) should be clearly displayed so that the Government may understand the price development and computations.

(2) FFP Lump Sum: Annex Price Summary Form (APSF)

A separate APSF is required from the offeror proposed as prime and each proposed major subcontractor. This form should include price summary level information for FFP annexes 7 & 14. It requires estimates by the following line items: Labor Hours (offeror proposed as prime vs. sub), Labor Cost (straight vs. overtime), Subcontractor cost (cost vs. fee), Other Direct Costs (materials, equipment, etc.), Overhead cost, G&A cost, Facilities Capital Cost of Money (FCCOM), and Profit by contract year. Phase-in costs associated with the FFP Annexes must be provided on this form. Phase-in costs must reconcile with the milestone payments in Section B. A reference column has been provided on the templates for the offeror to use to identify the supporting narrative data for each line item. The detailed data (narrative and schedules) should be clearly displayed so that the Government may understand the price development and computations. A detail narrative basis of estimate shall be provided for all proposed line items; including estimating methodology, references, company history, etc.

The major subcontractors should fill this form out as a prime and check the box "[] Subcontractor". For example, do not include all cost under just the two cost areas for subcontractors. Instead provide your cost broken out by all cost elements (hours, labor, overhead, G&A, etc.) provided on the form. All price forms that are considered to have proprietary data on it may be submitted to the Government via the prime offeror in a sealed envelope. However, ensure that the prime is at least provided the necessary data to fill out their forms such as cost and fee broken out.

(3) FFP Lump Sum: Annual Annex Resources Form (AARF)

The AARF is required only of the offeror proposed as prime; however, it requires the offeror proposed as prime to consolidate all resources data (hours and ODC) by Annex. Therefore, the offeror proposed as prime is responsible for integrating all required data (prime and all proposed subcontractor(s)) into this form. All proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. This form should reconcile to the APSF.

The offeror shall complete the AARF to show the total resources (hours and other direct costs) by year at the Annex level. Provide a separate form for each Annex identified on the form. The following provides a brief explanation of the line items included on the form:

a. Labor Hours: The offeror shall provide a complete schedule of all proposed labor in sufficient detail to allow for the analysis of labor requirements time-phased and identified by labor categories listed on Schedule B. The information provided on this form must be at the Annex level. Do not provide this information by task level. Provide a separate detailed narrative explaining the reason for proposing the skills and hours for each Annex.

b. ODC: The offeror shall provide an estimated cost for ODC that shall include, but not be limited to, materials and minor subcontracts. ODC shall be time-phased over the estimated term of the contract. The rationale shall support the quantity of ODC (e.g., materials, equipment and other).

Note 1: The basis of estimate (BOE) narrative can address the estimate down to the task level if necessary. For Example, your estimate for Annex 1 may be XYZ hours and it is comprised of

"123" hours for 1.3.1 and "456" hours for 1.4.1 and so forth. Your BOE narrative explanation may address the significant tasks that comprise the total Annex. It is important that sufficient information is provided to convince the Government that you understand the requirements and proposed adequate and sufficient resources to satisfy the requirements. A cost realism analysis will be performed; therefore, it is important to propose realistic estimates.

Note 2: The supporting rationale associated with all proposed resources shall be submitted as a word document and shall be adequately cross-referenced to facilitate a comprehensive evaluation. It is important that in this word document, you provide adequate support (cost estimating relationships, historical experience, parametric estimates, etc.) for all proposed estimates.

(4) FFP Lump Sum: Rates Form

This form is required of the offeror proposed as prime and each proposed major subcontractor. This form shall provide the Government annual labor and indirect rates. The offeror shall include all labor categories proposed on the FFP Lump Sum: AARF. The rates included on this form for direct labor shall be straight time rates.

Included on the form are the indirect rates information required. Offerors shall provide a written explanation for each rate proposed. For example: "the material handling rate of XYZ% is based on the latest budgetary data audited by XYZ for calendar year 01."

D. ID/IQ COST PROPOSAL INSTRUCTIONS

This section requires the submittal of rates data to be used for both ID/IQ cost reimbursement (CR) task orders and firm fixed priced (FFP) delivery orders. It is important that the proposed rates are realistic. The loaded labor rates on the ID/IQ Loaded Labor Cost – Annex 13 form will be used for CR task orders, while the bare labor rates on the ID/IQ Bare Labor Cost – Annex 6 form will be used for the FFP delivery orders. The forms that are required in this section are as follows:

- ID/IQ Development Form – Annex 13
- ID/IQ Contract Rates – Annex 13
- ID/IQ Bare Labor Cost – Annex 6
- Coefficient Factor – Means Cost Data Normal work Hours
- Coefficient Factor – Means Cost Data Other Than Normal Work Hours
- Coefficient Factor – Non-Prepriced Work Normal Work Hours
- Coefficient Factor – Non-Prepriced Work Other Than Normal Work Hours
- Coefficient Factor – Subcontracted Work
- Coefficient Factor – Materials and Equipment Rental

All labor categories included in Section B must be included on the ID/IQ forms with your proposed rates. If there are anticipated labor categories that are not included in section B and you believe they will be required in performing the functions, include the following information: the name of the category (if non-exempt, the name as per the Department of Labor Wage Decision or the Collective Bargaining Agreement) and a brief job description.

These forms will be used to evaluate the ID/IQ portion of the offeror's proposal. The offeror is required to submit all direct, indirect and fee/profit rates as required on the forms. NASA will use an internally developed pricing model to evaluate the ID/IQ effort. The model will apply your proposed unit prices, rates and factors against an anticipated set of requirements. This

model will not be provided to offerors. The model will be used for evaluating differences in rates and to assess the impact of the offerors proposed rates. This internal model will be used for evaluation purposes only and will reflect a representative sample of resources required in the SOW. This model will be applied consistently to all offerors to develop an estimated cost/price for selection purposes. Any differences in proposed direct and indirect rates that occur between this section and other sections of the must be adequately justified and explained.

Each of the ID/IQ forms are explained below:

(1) ID/IQ Development Form – Annex 13

The rates provided on this form will be used for cost reimbursement task orders. You should escalate the rates for DOL WD non-exempt personnel. These rates will not be adjusted in the contract when DOL issues new wage determinations.

This form is required of the prime offeror and each subcontractor anticipated in performing ID/IQ work. This form shall be completed for each year of the five-year contract. The left side of the form is structured so that the offeror may view all the non-exempt and exempt labor classifications as listed in the price schedule contained in Section B. The second column requires the offeror to provide the corresponding straight time labor rate per labor category. The third column requires the hourly fringe rate per labor category. For non-exempt personnel, the proposed rates must be at least equal to the applicable DOL Wage Determination rates. For exempt personnel, the rates proposed must be explained and supported by adequate pricing data such as company history, survey data, etc. The fourth through the seventh column is to account for all the company's indirect expense (overhead, G&A, etc.). The eighth column should include subcontractor fee/profit only. The prime offeror's fee will be determined when the task order is issued under Annex 13 and shall not be greater than the NTE fee rate proposed for this area. The last column is used to reference the basis of estimate.

In addition, provide in a separate word file attachment a Basis of Estimate for each of the line items listed in Section B.9 Pre-established Annex 13 Cost Values. The Basis of Estimate shall address how each unit cost was determined. For example, the Inspection for Cooling Tower under 13.2, Sub-identifier UEE1001, you should address the direct labor hours, all direct and indirect rates, material costs and all other direct costs in arriving at the unit prices.

(2) Contract Rates – Annex 13

This form is only required of the prime offeror. However, the prime offeror must consolidate the subcontractors data and appropriately include those cost rates into this form, where applicable. Subcontractors must provide their fully burdened rates to the prime offeror to allow for this to occur. Include some rationale in the basis of estimate area if the prime applies an indirect cost rate such as a subcontractor handling charge. This form should have no blanks; therefore, every labor category on this form should be proposed with a fully burdened cost rate for each year of the contract.

Provide an explanation of how these rates were derived and the assumptions made regarding subcontractors. It is important that you provide all assumptions used in developing these combined rates. If the prime offeror and a proposed subcontractor will be providing labor resources each for one labor category; you must provide your assumption regarding the percentage that each will contribute to the development of the combined rate.

(3) ID/IQ Bare Labor Cost – Annex 6

The rates provided on this form will be used for fixed priced delivery orders. It is important that you take this into consideration when developing these rates. You should not escalate the rates for DOL WD non-exempt personnel. These rates will be adjusted in the contract when DOL issues new wage determinations.

This form is required only of the offeror proposed as prime. However, the offeror is required to consolidate the rates data. The offeror proposed as prime is responsible for integrating all required resources (offeror proposed as prime and subcontractor(s)) into this form. Therefore, all proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. This form shall be completed for each year of the five year contract. The left side of the form is structured so that the offeror may input all the DOL Wage Determination and exempt labor classifications as listed in the price schedule contained in Section B. The second column requires the offeror to provide the corresponding straight time labor rate per labor category. The third column requires the hourly fringe rate per labor category. For non-exempt personnel, the proposed rates must be at least equal to the applicable DOL Wage Determination rates. For exempt personnel, the rates proposed must be explained and supported by adequate pricing data such as company history, survey data, etc. The fourth column is the bare cost which is the combination of the labor rate and the associated fringe rate. The fifth column is used to reference the basis of estimate.

Those labor categories not covered under the wage determination shall be provided as a composite of the prime offeror and proposed subcontractor(s) combined as a weighted average or other basis of estimate that is appropriate to arrive at one rate. Provide an explanation of how these rates were derived and the assumptions made regarding proposed subcontractors. It is important that you provide all assumptions used in developing these combined rates. If the prime offeror and a proposed subcontractor will be providing labor resources each for one labor category; you must provide your assumption regarding the percentage that each will contribute to the development of the combined rate.

(4) Coefficient Factor Forms

Only the offeror proposed as prime contractor shall complete these forms. Of the six Coefficients Factor Forms included in the instructions, two apply to both Annex 6 and 13 (i.e. Subcontracted Work Coefficient and the Materials and Equipment Rental Coefficient). The remaining forms (i.e. Means Cost Coefficient for Normal Work Hours, Means Coefficient for Other Than Normal Work Hours, Non Pre-priced Work for Normal Work Hours, and Non Pre-priced Work for Other Than Normal Work Hours) apply only to Annex 6. These forms address factors that will be applied to bare labor, subcontract, material, or equipment rental prices to address the burden cost (administrative and non-labor) required for a particular task.

The following lists the six coefficients:

1. Means Cost Coefficient Factors for Normal Work Hours
2. Means Cost Coefficient Factors for Other Than Normal Work Hours
3. Non Pre-priced Work for Normal Work Hours
4. Non Pre-priced Work for Other Than Normal Work Hours
5. Subcontracted Work Coefficient
6. Materials and Equipment Rental Coefficient

A description of each of the six coefficients and the cost/price elements to be contained within each is provided in Annex 6. Each coefficient proposed shall include all such elements.

E. LABOR RELATIONS FORMS

The following compensation forms are required in order for the Government to perform an evaluation of your labor relations. These forms will be used in conjunction with data provided in the "Labor Relations" section for evaluation. These forms should reconcile with the cost templates described above, wherever applicable.

a. Compensation Form (a): SALARIES AND WAGES NON-EXEMPT - CONTRACT YEAR 1

The offeror shall submit a completed Compensation Form a for non-exempt personnel in the first contract year only. This form is required of the offeror proposed as prime and all proposed major subcontractors. The offer should include the DOL WD or CBA number at the top of the form. A separate form is required for each DOL WD and/or CBA. In the "LABOR CATEGORY - Offeror's" column, list all labor classifications included in the proposal, by titles from the offeror's estimating system. The "Number of Proposed Personnel" is required for each row on the form containing a "LABOR CATEGORY - Offeror's". The "Proposed Average Labor Rate" is the Contract Year 1 labor costs divided by the number of hours proposed for that labor category. The "Lowest Labor Rate" and "Highest Labor Rate" are the lowest and highest wage rates included in the proposal for each labor classification listed under the "LABOR CATEGORY - Offeror's" column.

b. Compensation Form (b): SALARIES AND WAGES EXEMPT - CONTRACT YEAR 1

The offeror shall submit a completed Compensation Form b for exempt personnel in the first contract year only. This form is required of the offeror proposed as prime and all proposed major subcontractors. In the "LABOR CATEGORY - Offeror's" column, list all labor classifications included in the proposal, by titles from the offeror's estimating system. The "Number of Proposed Personnel" is required for each row on the form containing a "LABOR CATEGORY - Offeror's". The "Proposed Average Labor Salary" is the Contract Year 1 labor costs divided by the number of personnel proposed for that labor category. The "Lowest Labor Salary" and "Highest Labor Salary" are the lowest and highest salaries included in the proposal for each labor classification listed under the "LABOR CATEGORY - Offeror's" column.

c. Compensation Form (c): FRINGE BENEFITS ANALYSIS OF COMPENSATION PACKAGE - Contract Year 1

A separate Form c shall be completed for Exempt, Non-Exempt Nonunion, and Non-Exempt Union direct labor. It should be noted that the minimum hourly fringe benefits rate can not be less than the DOL specified minimum rate listed in the RFP under Section J for non-exempt employees. The column entitled, "Cost of Fringe benefit" should include the cost, not rate, associated with the fringes specified (i.e. life insurance, disability insurance, etc.) that are proposed on this contract for each of the related personnel type (exempt, non-exempt, union, non-union). The next column entitled, "Percent of Payroll" should include the percentage of each of the related specified

fringe costs as a percent of payroll (direct labor cost). The third column should include hourly rates based on the average cost per labor hour proposed per specified fringe.

d. Compensation Form (d): PERSONNEL AND FRINGE BENEFITS POLICIES
– Contract Year 1

This form provides a standard format to disclose, by employee category, the application of personnel policies and fringe benefits which shall be in effect at the time of award. Although only brief explanations are desired, sufficient information is required to allow an evaluation and estimate of all potential costs which will arise upon award of the contract. Comments are required pertaining to all items listed below under the proper column, whether or not the policy is written. The established practice of the Offeror and applicability to this proposal shall be provided. If the items below are not applicable, so state. Items pertinent to the Offeror which are not identified must be included if cost recovery is anticipated.

PAST PERFORMANCE DATA

1. COSS Prime Contractor/Team Member:
2. COSS Annex Number that Prime Contractor/Team Member above will perform:
3. Referenced Contract Information:
 - A. Name and Address of Customer
 - B. Contract Number:
 - C. Annual Value of Contract:
 - D. Contract Type:
 - E. Contract Performance Location:
 - F. Period of Performance: From: To:
 - G. Cognizant Contracting Officer:
(If commercial, customers business manager)

Name:
Address:
Telephone Number:
Email Address:
Time of day can be reached (Houston, TX cst.):
 - H. Cognizant Technical Manager:

Name:
Address:
Telephone Number:
Email Address:
Time of day can be reached (Houston, TX cst.):
4. Work performed on referenced contract:
5. How related project work correlates with COSS annex the Prime Contractor/Team Member will perform:

Note: Offerors are permitted to reformat this form to the extent required to provide adequate space to provide all required information.

PAST PERFORMANCE DATA

Annex	Function Specific Experience			
	Extensive	Substantial	Moderate	None
1. Administrative Support				
2. Maintenance And Repair				
3. Directed Services				
4. Operations				
5. Engineering				
6. Non-Routine Fix Price IDIQ				
7. Grounds Maintenance				
8. Information Technology				
9. Environmental Program				
10. Supply				
11. Property And Equipment				
12. Transportation				
13. Non-Routine Cost Reimbursable IDIQ				
14. Custodial				

Note: Offerors are permitted to reformat this form to the extent required to provide adequate space to provide required information.

EXPERIENCE DATA

KEY PERSONNEL RESUME

Proposed Position Title _____

Proposed Annual Salary _____

Name _____

CURRENT POSITION:

Title _____

Time in Current Position _____

Annual Salary _____

Number of Personnel Directly Supervised in Current Position _____

Responsible for a Total Workforce of _____ (Number of people)

Description and Scope of Current Job:

*EMPLOYER REFERENCE
NAME AND PHONE NO.

*CUSTOMER REFERENCE
NAME AND PHONE NO.

NOTE: It is the offeror's responsibility to ensure that all references and their phone numbers are current and correct.

EXPERIENCE DATA

NAME: _____

WORK EXPERIENCE

*PAST 10 YEARS IN CHRONOLOGICAL ORDER

Date

Employer Reference
Name and Phone No.

Customer Reference
Name and Phone No.

Description and Scope of Job:

*Use separate page for each work period.

EXPERIENCE DATA

NAME: _____

Education: College Degree(s) _____ if yes, cite Degree(s)
YES NO

Date Received _____

University _____

Major/Minor _____

Professional and/or Technical Training (list):

Type of Training

Where Received

Date

_____ has [] (has not []) been contacted, is [] (is not []) committed to the proposed position and has [] (has not []) indicated a willingness to accept the salary proposed.

Brief statement of why the proposed individual is uniquely qualified for the proposed position and what percent of his/her total available time will be devoted to this program.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 2 PAGES
2. AMENDMENT/MODIFICATION NO. 7	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA JSC Attn: SEB 416/Charles Bell 2101 NASA Road 1 Houston, TX 77058 FAX 281-483-2013/281-483-1139		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)		(<input checked="" type="checkbox"/>) 9A. AMENDMENT OF SOLICITATION NO. 9-BJ32-T63-0-24P	(<input checked="" type="checkbox"/>) 9B. DATED (SEE ITEM 11) July 25, 2001
CODE		10A. MODIFICATION OF CONTRACT/ORDER NO.	
FACILITY CODE		10B. DATED (SEE ITEM 13)	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(<input checked="" type="checkbox"/>) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D. OTHER Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, is required to sign this document and return ___ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This amendment provides information to potential offerors as described on page 2.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type Charles C. Bell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Original Signed by) (Signature of Contracting Officer)	Sept 7, 2001

The Government has recently determined that the document identified as *****3 Year Historical Listing of Rigging and Heavy Hauling Work Performed** in Annex 12 of the solicitation's Statement of Work was not previously made available to potential offerors in the Technical Reference Library (TRL) as suggested by the double asterisks and bold type (double asterisks and bold type are the convention used in the solicitation to identify those documents available to potential offerors in the TRL). This amendment informs all potential offerors that a copy of the 3 Year Historical Listing of Rigging and Heavy Hauling Work Performed has hereby been placed in the TRL. After careful consideration of the potential impact of making this document available, the Government determined that it is not in its best interest to extend the date for proposal submission. For this reason the proposal submission date remains unchanged.

To assist potential offerors, as part of this amendment, an electronic version of the 3 Year Historical Listing of Rigging and Heavy Hauling Work Performed is hereby posted to the NASA Acquisition Internet Service at URL <http://procurement.nasa.gov/cgi-bin/EPS/sol.cgi?acqid=94550>.

JA-000-269
THREE YEAR HISTORICAL LISTING
OF
RIGGING AND HEAVY HAULING WORK PERFORMED

Column 1: **NASA Order #** - This is the control number that is assigned by NASA when initiating the work request.

Note - Work order numbers that begin with "BOSS" are an internal work order issued by the BOSS Contractor for rigging support. For example, if Maintenance and Operations had an air conditioning unit the BOSS Contractor was to replace or move and rigging support was required to complete the work, the BOSS Contractor initiated an internal work order through its work control. These work orders did not count against the work load data identified in the BOSS contract.

Column 2: **Description** – The description of job to be performed.

Column 3: **Requested Date** – The date NASA receives rigging request from customer.

Column 4: **Completion Date** – The date job is completed by rigging contractor.

Column 5: **Metered Line Item** – The type of work order defined in the BOSS Contract.

Work Order Codes for the Metered Line Items:

5.3.2.1	=	General Work Order
5.3.2.1.a	=	General Work Order for Load Tests
5.3.3	=	Sling Fabrication (This work will not be in the COSS contract)
5.3.4.1.a	=	Emergency Work Order during core hours
5.3.4.1.b	=	Emergency Work Order after core hours Monday-Friday
5.3.4.1.c	=	Emergency Work Order on weekends and holidays

The General Work Orders and Emergency Work Orders in this data are now defined as Priority 1 and Priority 2 tasks respectively in CLIN 12.1.7 of the COSS RFP.

Note – Metered Line Item numbers that begin with "BOSS" correspond to the internal work orders issued by the BOSS Contractor for rigging support mentioned in the Column 1 note above.

Column 6: **Location of Task** – The location where the rigging job is to be performed.

Additional Notes

1. The data included here has been sorted by Completion Date.
2. If no completion date is shown for a task, that task was completed within the same month of the other tasks shown on the same sheet.

NASA	DESCRIPTION	REQUESTED	COMPLETION	METERED	LOCATION
ORDER #	OF TASK	DATE	DATE	LINE ITEM	OF TASK
BOSS - 9996	CRUSH (2) ROLL-OFFS	5/28/1999	6/1/1999	BOSS-5-3-2-2-1A	422
BOSS - 0009	P/U (2) ITEMS (TEMP STORAGE) DELIVER TO BUILDING-333,WHSE	6/1/1999	6/2/1999	BOSS-5-3-2-2-1A	16, 1040
BOSS - 0009	P/U FORMING MACHINE AND DELIVER TO 422, LDY	6/1/1999	6/3/1999	BOSS-5-3-2-2-1A	17, 1025A
BOSS - 0009	PROOF LOAD TEST FORKLIFT STANDUP NA 8556	6/1/1999	6/4/1999	BOSS-5-3-2-2-1A	413
BOSS - 0009	PROOF LOAD TEST MANLIFT BASKET (2 PERSON CAP)	6/1/1999	6/4/1999	BOSS-5-3-2-2-1A	421
BOSS - 0046	LOAD EMERGENCY LIFT TRAILER ONTO CARRIER TRUCK	6/1/1999	6/4/1999	BOSS-5-3-2-2-1A	ELL 990
BOSS - 0067	P/U (10) MAT, CRANE, LAMINTED TO BUILDING-422,LDY	6/3/1999	6/7/1999	BOSS-5-3-2-2-1A	418, LDY
BOSS - 0009	PROOF LOAD TEST FORKLIFT ELEC. STANDUP NA 8867	6/1/1999	6/8/1999	BOSS-5-3-2-2-1A	336
BOSS - 0009	PROOF LOAD TEST MOBIL DOCK MALLIMAR	6/1/1999	6/8/1999	BOSS-5-3-2-2-1A	336
BOSS - 0081	PROOFLOAD TEST FORKLIFT STOCK PICKER NA 8979	6/4/1999	6/8/1999	BOSS-5-3-2-2-1A	334
BOSS - 0081	PROOF LOAD TEST HARNESS FALL PROTECTION	6/4/1999	6/8/1999	BOSS-5-3-2-2-1A	421
BOSS - 0081	PROOF LOAD TEST HARNESS FALL PROTECTION	6/4/1999	6/8/1999	BOSS-5-3-2-2-1A	413
BOSS - 0086	PROOF LOAD TEST PALLET JACK	6/4/1999	6/9/1999	BOSS-5-3-2-2-1A	420
BOSS - 0223	P/U CASE FILE 98-028 AND DELIVER TO BUILDING-333,WHSE	6/15/1999	6/9/1999	BOSS-5-3-2-2-1A	9NE
BOSS - 0168	PICK UP GRINDING MACHINE - NASA TAG #0558890	6/10/1999	6/15/1999	BOSS-5-3-2-2-1A	10
BOSS - 0248	CRUSH (2) METAL SCRAP BINS	6/17/1999	6/21/1999	BOSS-5-3-2-2-1A	336
BOSS - 0293	PICKUP CHILLER AND VAN TRUCK ON TO FLATBED	6/21/1999	6/22/1999	BOSS-5-3-2-2-1A	422
BOSS - 0356	LOAD TRUSS BOOM PASSIVE FIXTURE ONTO FLATBED	6/25/1999	6/25/1999	BOSS-5-3-2-2-1A	422
BOSS-99930	REMOVE CHLORINE TANK FROM CONTAINMENT	5/27/1999	6/1/1999	BOSS-5-3-2-2-1B	SCTF
BOSS - 0010	PROOF LOAD TEST (2) CHAIN FALLS	6/1/1999	6/4/1999	BOSS-5-3-2-2-1B	420
BOSS - 99573	SUPPORT W/OPERATOR/100# WEIGHTS FOR TEST OFHOIST	5/25/1999	6/4/1999	BOSS-5-3-2-2-1B	8
BOSS - 0127	RIGGING SUPPORT TO REMOVE RELIEF VALVE FROM LN2 STORAGE	6/7/1999	6/9/1999	BOSS-5-3-2-2-1B	37
BOSS - 0127	PICK UP AND DELIVER BP-322-4 TO WAREHOUSE	6/7/1999	6/10/1999	BOSS-5-3-2-2-1B	322
BOSS - 0148	UNLOAD TRUCK (TANK)	6/9/1999	6/11/1999	BOSS-5-3-2-2-1B	24
BOSS - 0152	UNLOAD TRUCK (COMPRESSOR)	6/9/1999	6/14/1999	BOSS-5-3-2-2-1B	24
BOSS - 0219	REPAIRS	6/14/1999	6/15/1999	BOSS-5-3-2-2-1B	32
BOSS - 0222	OPERATOR/3TON WEIGHTS FORLOAD TEST OF CRANE/HOIST	6/14/1999	6/15/1999	BOSS-5-3-2-2-1B	267
BOSS - 0224	PROOF LOAD TEST 20FT SLING TUFLEX	6/14/1999	6/15/1999	BOSS-5-3-2-2-1B	329
BOSS - 0224	PROOF LOAD TEST 6' SLING TUFLEX	6/14/1999	6/15/1999	BOSS-5-3-2-2-1B	329
BOSS - 0225	PROOF LOAD TEST 2FT POLYESTER SLING	6/14/1999	6/15/1999	BOSS-5-3-2-2-1B	329
BOSS - 0225	PROOF LOAD TEST 3/4 TON COFFING COME-A-LONG	6/14/1999	6/15/1999	BOSS-5-3-2-2-1B	329
BOSS - 0225	PROOF LOAD TEST 3/4 TON COFFING COME-A-LONG	6/14/1999	6/15/1999	BOSS-5-3-2-2-1B	329
BOSS - 0220	PU (2) AIR CIRCUIT BREAKER SWITCHES DELIVER TO BLDG 49, 110	6/14/1999	6/16/1999	BOSS-5-3-2-2-1B	420
BOSS - 0223	OPERATOR/ (2) 2TON WEIGHTS FOR LOAD TEST OF BRIDGE CRANES	6/14/1999	6/16/1999	BOSS-5-3-2-2-1B	9N
BOSS - 0224	LIFT PUMP FROM WET WELL	6/15/1999	6/16/1999	BOSS-5-3-2-2-1B	223/WWP2
BOSS - 0223	OPERATOR/ (2) 1TON WEIGHTS FOR LOAD TEST OF HOISTS	6/14/1999	6/17/1999	BOSS-5-3-2-2-1B	7
BOSS - 0066	OPERATOR/37.5 WEIGHTS FOR DIAGNOSE AND LOAD TEST	6/3/1999	6/18/1999	BOSS-5-3-2-2-1B	49

NASA	DESCRIPTION	REQUESTED	COMPLETION	METERED	LOCATION
ORDER #	OF TASK	DATE	DATE	LINE ITEM	OF TASK
BOSS - 0257	REMOVE AH-4B-18 AND TAKE TO BUILDING 326 STORAGE AREA	6/18/1999	6/22/1999	BOSS-5-3-2-2-1B	4S, 2335
BOSS - 0294	PROOF LOAD TEST YALE STAND-UP FORKLIFT	6/21/1999	6/22/1999	BOSS-5-3-2-2-1B	417
BOSS - 0304	LIFT DRILL PRESS HEAD ASSY OFF COLUMN	6/22/1999	6/23/1999	BOSS-5-3-2-2-1B	356
BOSS - 0305	PROOF LOAD TEST "A" FRAME W/ 1/2 TON HOIST	6/22/1999	6/23/1999	BOSS-5-3-2-2-1B	420
BOSS - 0356	SUPPORT WITH OPERATOR/2000# WEIGHTS FOR LOAD TEST OF LIFT 1 AND 2	6/25/1999	6/29/1999	BOSS-5-3-2-2-1B	329
BOSS - 0402	REINSTALL DRILL PRESS HEAD	6/28/1999	6/29/1999	BOSS-5-3-2-2-1B	356
BOSS - 0223	OPERATOR/1/2 TON WEIGHTS FOR LOAD TEST OF BRIDGE CRANES	6/14/1999		BOSS-5-3-2-2-1B	9
BOSS 00866	REMOVE/REPLACE RUPTURE DISK ON AUTOCLAVE	6/5/1999		BOSS-5-3-2-2-1B	9, 1000A
BOSS - 0142	REMOVE TEMP HOIST INSTALLED 4/23/99 ETC	6/9/1999	6/9/1999	BOSS-5-3-2-2-1C	9C
BOSS - 0249	REMOVE TEMP HOIST INSTALLED 4/23/99 ETC	6/9/1999	6/9/1999	BOSS-5-3-2-2-1C	9C
BOSS - 0152	MOVE/PIVOT SMALL TOWER	6/9/1999	6/11/1999	BOSS-5-3-2-2-1C	E994
BOSS - 0235	SET (2) 30' STEEL POLES ON EXISTING CONCRETE BASES	6/18/1999	6/18/1999	BOSS-5-3-2-2-1C	323
BOSS - 9542	SET MUFFLERS	4/21/1999	6/24/1999	BOSS-5-3-2-2-1C	418, LDY
BOSS - 0426	OFFLOAD CHILL WATER FAN COIL UNIT	4/29/1999	6/25/1999	BOSS-5-3-2-2-1C	4S, DOCK
BOSS - 0403	MOVE (2) FILM PROCESSOR	6/28/1999	6/30/1999	BOSS-5-3-2-2-1C	8, 110
BOSS - 0066	OFF-LOAD 4 PCS EQUIPMENT	6/3/1999	6/3/1999	BOSS-5-3-2-2-4	10
BOSS - 0248	OFFLOAD SUPER GUPPY RESCUE LOADER & CLT LOADER	6/18/1999	6/18/1999	BOSS-5-3-2-2-4	ELL 990
BOSS - 0257	OFFLOAD SUPER GUPPY RESCUE LOADER & CLT LOADER	6/18/1999	6/18/1999	BOSS-5-3-2-2-4	ELL 990
BOSS - 0219	OFFLOAD 11 PCS OF EQUIPMENT	6/14/1999		BOSS-5-3-2-2-4	32
BOSS - 0426	SURVEY/REMOVE/SET OLD/NEW BOILER	6/29/1999	6/29/1999	BOSS-5-3-2-2-5A	356
05-30230	MOVE PUM FROM SCTF TO PALLET C IN CHAMBER A	5/24/1999	6/1/1999	SOD-5-3-2-1	SCTF
05-30250	DELIVER (3) 1000# WEIGHTS/SET	5/26/1999	6/1/1999	SOD-5-3-2-1	SCTF/NBL
05-30248	MOVE BOX OUTSID BUILDING AND BACK INSIDE	5/26/1999	6/2/1999	SOD-5-3-2-1	44
05-30249	MOVE RACK FROM MEZZANINE TO FLOOR	5/26/1999	6/2/1999	SOD-5-3-2-1	44
05-30254	PROOF LOAD TEST NYLON SLINGS	5/28/1999	6/3/1999	SOD-5-3-2-1	10
05-30255	PROOF LOAD TEST LIFTING DEVICES	5/28/1999	6/3/1999	SOD-5-3-2-1	10
06-30263	MOVE FIXTURE TO PROOF LOAD CRANE	6/4/1999	6/4/1999	SOD-5-3-2-1	49
06-30259	MOVE WELDING TABLE AND STAIR ASSEMBLE	6/3/1999	6/7/1999	SOD-5-3-2-1	9
06-30260	PROOF LOAD TEST 3/4 TON COME-A-LONG	6/3/1999	6/7/1999	SOD-5-3-2-1	420
06-30266	MOVE BLUE STANDS AS DIRECTED BY CUSTOMER	6/7/1999	6/7/1999	SOD-5-3-2-1	9NE
06-30264	PROOF LOAD TEST CAROLINA HOIST LIFT	6/4/1999	6/8/1999	SOD-5-3-2-1	OFFSITE
06-30265	PROOF LOAD TEST EQUIPMENT	6/4/1999	6/8/1999	SOD-5-3-2-1	5N, 160
05-30209	PROOF LOAD TEST SAFETY GEAR, BODY HARNESS, LANYARDS	5/21/1999	6/9/1999	SOD-5-3-2-1	9A
05-30210	PROOF LOAD TEST WIRE SLINGS, NYLON SINGS	5/21/1999	6/9/1999	SOD-5-3-2-1	9A
05-30211	PROOF LOAD TEST SHACKLES, HOOKS AND O-RINGS	5/21/1999	6/9/1999	SOD-5-3-2-1	9A
06-30261	PROOF LOAD TEST RATCHET HOIST	6/3/1999	6/9/1999	SOD-5-3-2-1	9C, HB
06-30262	PROOF LOAD TEST SHACKLES, HOOKS AND O-RINGS	6/3/1999	6/9/1999	SOD-5-3-2-1	9C, HB
06-30271	PROOF LOAD TEST BAIL OUT RISER	6/8/1999	6/10/1999	SOD-5-3-2-1	SCTF/NBL

NASA ORDER #	DESCRIPTION OF TASK	REQUESTED DATE	COMPLETION DATE	METERED LINE ITEM	LOCATION OF TASK
06-30272	PROOF LOAD TEST AIROCK BRIDAL	6/8/1999	6/10/1999	SOD-5-3-2-1	SCTF/NBL
06-30273	PROOF LOAD TEST LIFTING STRAPS	6/8/1999	6/10/1999	SOD-5-3-2-1	SCTF/NBL
05-30253	REMOVE CHAMBER A HEAD AND SET ON PLATFORM	5/28/1999	6/14/1999	SOD-5-3-2-1	32
06-30268	CUSTOMER	6/7/1999	6/14/1999	SOD-5-3-2-1	36
06-30287	ADDITIONAL WORK REQUIRED IN CONJUNCTION WITH 06-30268 (IMAX CAMERA)	6/15/1999	6/14/1999	SOD-5-3-2-1	36
06-30275	PROOF LOAD TEST LIFTING DEVICES	6/9/1999	6/15/1999	SOD-5-3-2-1	SCTF/LMF
06-30276	PROOF LOAD TEST SPECIAL FIXTURE N2 TANK	6/9/1999	6/15/1999	SOD-5-3-2-1	SCTF/LMF
06-30277	PROOF LOAD TEST SPECIAL FIXTURE N2 TANK	6/9/1999	6/15/1999	SOD-5-3-2-1	SCTF/LMF
06-30278	PROOF LOAD TEST 1 1/2 TON SHACKLES	6/10/1999	6/15/1999	SOD-5-3-2-1	SCTF
06-30281	MOVE SO2 TRUSS FROM LMF TO SOUTH END NBL STAGING AREA	6/11/1999	6/15/1999	SOD-5-3-2-1	SCTF
06-30283	PROOF LOAD TEST SWIVEL HOIST RINGS	6/8/1999	6/16/1999	SOD-5-3-2-1	SCTF/NBL
06-30301	PROOF LOAD TEST SWIVEL HOIST RINGS	6/8/1999	6/16/1999	SOD-5-3-2-1	SCTF/NBL
06-30290	MOVE (2) TRAILER FAR ENOUGH FROM FENCES	6/15/1999	6/17/1999	SOD-5-3-2-1	5S
06-30279	PROOF LOAD TEST COME ALONG	6/11/1999	6/18/1999	SOD-5-3-2-1	33
06-30296	TOWER	6/16/1999	6/18/1999	SOD-5-3-2-1	49
06-30297	REMOVE SLING FROM LPTF	6/16/1999	6/18/1999	SOD-5-3-2-1	49
06-30284	MOVE ARTICLES (5PCS)	6/15/1999	6/21/1999	SOD-5-3-2-1	36
06-30285	MOVE ARTICLES (5PCS)	6/15/1999	6/21/1999	SOD-5-3-2-1	36
06-30286	MOVE ARTICLES (5PCS)	6/15/1999	6/21/1999	SOD-5-3-2-1	36
06-30288	MOVE 4 BARRELS OF WASHED ROCK TO BOSS GRAVEL STORAGE AREA	6/17/1999	6/21/1999	SOD-5-3-2-1	37
06-30293	MOVE GLASS WINDOW TO BUILDING 9,CLEAN ROOM (LES THOMPCKINS X38813)	6/16/1999	6/21/1999	SOD-5-3-2-1	13
06-30270	PROOF LOAD TEST DOUBLE DONNING STAND	6/8/1999	6/22/1999	SOD-5-3-2-1	SCTF/NBL
06-30304	PROOF LOAD TEST HYDRALIC PUMP UP STANS	6/22/1999	6/23/1999	SOD-5-3-2-1	9A
06-30306	MOVE PDU FROM ROOM 109 TO ROOM 209	6/22/1999	6/24/1999	SOD-5-3-2-1	5N
06-30317	MOVE GLASS WINDOW TO BUILDING 13	6/23/1999	6/25/1999	SOD-5-3-2-1	9
06-30313	MOVE LARGE CRATE OUTSIDE AND RETURN CRATE TO HIBAY	6/23/1999	6/28/1999	SOD-5-3-2-1	44
06-30314	LOWER ANTENNA CRATE FROM MEZZANINE TO HIBAY FLOOR	6/23/1999	6/28/1999	SOD-5-3-2-1	44
06-30315	REMOVE ANTENNA FROM ANTENNA CRATE/PLACE IN SMALL RADOME	6/23/1999	6/28/1999	SOD-5-3-2-1	44
06-30316	MOVE EMPTY ANTENNA CRATE FROM HIBAY TO MEZZ	6/23/1999	6/28/1999	SOD-5-3-2-1	44
06-30320	PROOF LOAD TEST SLINGS NYLON	6/24/1999	6/30/1999	SOD-5-3-2-1	9NE
06-30331	MOVE TRANSFER SWITCHES IN 3RD FL AND PLACE IN POSITION FOR INSTALLATI	6/28/1999	6/30/1999	SOD-5-3-2-1	32
05-30247	MOVE TWO RACKS TO TRUCK	5/26/1999		SOD-5-3-2-1	44
06-30274	ASSIST IN REMOVING OLD CAMERA AND INSTALLTION OF NEW CAMERA	6/8/1999		SOD-5-3-2-1	35
06-30289	TAKE TRAILER TO REPAIR FACILITY (PERMIT REQUIRED)	6/15/1999	6/16/1999	SOD-5-3-4-1A	ELL
06-30292	MOVE SHIPPING CRATES AND CONTENTS TO BUILDING 9	6/16/1999	6/17/1999	SOD-5-3-4-1A	13
05-30252	REMOVE IMAC CAMREA	5/28/1999	6/1/1999	SOD-5-3-4-1A	33
06-30256	CONVOY FLATBED TRAILER/SGSF TO ELLINGTON FIELD	6/1/1999	6/2/1999	SOD-5-3-4-1A	SCTF
06-30267	LIFT TDSH RACK FROM 1ST FLOOR TO 2ND FLOOR AS DIRECTED BY CUSTOMER	6/7/1999	6/8/1999	SOD-5-3-4-1A	32

NASA	DESCRIPTION	REQUESTED	COMPLETION	METERED	LOCATION
ORDER #	OF TASK	DATE	DATE	LINE ITEM	OF TASK
06-30269	MOVE OLD SO (WHITE ALUMINUM) FROM LDY TO N STAGING BAY	6/7/1999	6/9/1999	SOD-5-3-4-1A	SCTF
06-30280	SURVEY ARTICLE AT FABRICATOR ETC	6/11/1999	6/11/1999	SOD-5-3-4-1A	7
06-30291	UNLOAD TRUCK	6/16/1999	6/15/1999	SOD-5-3-4-1A	360
06-30295	MOVE BLUE STAIRWAY	6/17/1999	6/17/1999	SOD-5-3-4-1A	9
06-30300	P/U TRAILER AT VENDOR AND DELIVER TO ELLINGTON 990	6/17/1999	6/18/1999	SOD-5-3-4-1A	OFFSITE
06-30302	PROOF LOAD TEST SGSF SUPPORT EUIP	6/18/1999	6/18/1999	SOD-5-3-4-1A	420
06-30298	MOVE ARTICLES (5PCS)	6/15/1999	6/21/1999	SOD-5-3-4-1A	36
06-30299	MOVE ARTICLES (5PCS)	6/15/1999	6/21/1999	SOD-5-3-4-1A	36
06-30303	PROOF LOAD TEST SKY GENIE ATTACH HANDLES	6/21/1999	6/22/1999	SOD-5-3-4-1A	9A
06-30307	MOVE ALUINUM S-1 TRUSS TO SOUTH END OF NBL	6/22/1999	6/23/1999	SOD-5-3-4-1A	SCTF/LMF
06-30309	MOVE LARGE CRATE OUTSIDE AND RETURN CRATE TO HIBAY	6/23/1999	6/23/1999	SOD-5-3-4-1A	44
06-30310	LOWER ANTENNA CRATE FROM MEZZANINE TO HIBAY FLOOR	6/23/1999	6/23/1999	SOD-5-3-4-1A	44
06-30311	REMOVE ANTENNA FROM SMALL RADOME AND PLACE IN CRATE IN HIBAY	6/23/1999	6/23/1999	SOD-5-3-4-1A	44
06-30312	MOVE ANTENNA (CRATE) FROM HIBAY TO MEZZ	6/23/1999	6/23/1999	SOD-5-3-4-1A	44
06-30318	REPOSITION 60 FT TRAILER	6/23/1999	6/23/1999	SOD-5-3-4-1A	ELL
06-30319	OFFLOAD FOUR PALLETS OF SENSTIVE MECHANICAL EQUIPMENT/PLACE BY EAS	6/23/1999	6/23/1999	SOD-5-3-4-1A	49
06-30324	MOVE GAMS/SOAR ON CART FROM RM 1000 TO 132 AND BACK TO 1000	6/25/1999	6/28/1999	SOD-5-3-4-1A	14
06-30330	MOVE SCISSOR LIFT (ORANGE) FROM WEST TANK FARM TO AIRLOCK	6/28/1999	6/28/1999	SOD-5-3-4-1A	32
06-30332	PROOF LOAD LOAD TEST ASSEMBLY	6/28/1999	6/28/1999	SOD-5-3-4-1A	44
06-30321	PROOF LOAD TEST MONORAIL/TROLLEY/TENSION DEVICE	6/24/1999	6/29/1999	SOD-5-3-4-1A	32, CH B
06-30322	PROOF LOAD TEST TENSIONING DEVICE	6/24/1999	6/29/1999	SOD-5-3-4-1A	32, CH B
06-30323	PROOF LOAD TEST DONNING STAND & SEAT	6/24/1999	6/29/1999	SOD-5-3-4-1A	32, CH B
06-30326	MOVE CHAMBER B HEAD FROM HEAD AND INSTALL ON CHAMBER B	6/25/1999	6/29/1999	SOD-5-3-4-1A	32, HB
06-30342	LIFT CHAMBER HEAD TO REMOVE WIRE CAUGHT UNDER HEAD	6/29/1999	6/29/1999	SOD-5-3-4-1A	32
06-30294	REMOVE FLIGHT HARDWARE FROM CRATE AND SET ON STANDS	6/16/1999		SOD-5-3-4-1A	360
06-30257	LIFT SGSF FROM TRAILER TO PED-100 LOADER	6/1/1999	6/2/1999	SOD-5-3-4-1B	ELL
06-30258	CONVOY FLATBED TRAILER/SGSF TO ELLINGTON FIELD	6/1/1999	6/2/1999	SOD-5-3-4-1B	SCTF
06-30282	LIFT PALLET ONTO DOCK	6/15/1999	6/11/1999	SOD-5-3-4-1B	5S

NASA	DESCRIPTION	REQUESTED	COMPLETION	METERED	LOCATION
ORDER #	OF TASK	DATE	DATE	LINE ITEM	OF TASK
10-40842C	TRANSPORT SGSF FROM HANGAR 924 TO ELL AND LOAD ON RESCUE LOAD	10/13/2000	11/9/2000	SOD-5-3-2-1	HANGER 924
10-40843	MOVE 2 MANLIFTS FROM 924 TO ELLINGTON	10/13/2000	11/10/2000	SOD-5-3-2-1	HANGER 924
10-40848	PROOF LOAD EMU SUSPENSION CLUSTERS	10/13/2000	11/7/2000	SOD-5-3-2-1	7/ETA AIRLOCK
10-40849	PROOF LOAD DONNING STAND	10/13/2000	11/7/2000	SOD-5-3-2-1	7/11' CHB
10-40850	PROOF LOAD WEIGHT REDUCER	10/13/2000	11/7/2000	SOD-5-3-2-1	7/11' CHB
10-40851	PROOF LOAD EMU FRAME CABLE	10/13/2000	11/7/2000	SOD-5-3-2-1	7/11' CHB
10-40873	PROOF LOAD SLING ACFT	10/20/2000	11/3/2000	SOD-5-3-2-1	HGR-135/STA
10-40874	PROOF LOAD SLING ENGINE NASA 2	10/20/2000	11/3/2000	SOD-5-3-2-1	HGR-135
10-40875	PROOF LOAD SLING FLAP BALANCING	10/20/2000	11/3/2000	SOD-5-3-2-1	HGR-135/STA
10-40876	PROOF LOAD SLING AIRCRAFT	10/20/2000	11/3/2000	SOD-5-3-2-1	150
10-40878	PROOF LOAD ADAPTER J85 ROT.	10/20/2000	11/3/2000	SOD-5-3-2-1	HGR-135
10-40879	PROOF LOAD SLING AB	10/20/2000	11/3/2000	SOD-5-3-2-1	HGR-135
10-40880	PROOF LOAD SLING AB	10/20/2000	11/3/2000	SOD-5-3-2-1	ELL-135
10-40881	PROOF LOAD ADAPTER J85 ROT.	10/20/2000	11/3/2000	SOD-5-3-2-1	HGR-135
10-40882	PROOF LOAD SLING CRASH RECOVERY	10/20/2000	11/3/2000	SOD-5-3-2-1	271
10-40885	PROOF LOAD SHACKLES	10/20/2000	11/1/2000	SOD-5-3-2-1	49/1000
10-40886	PROOF LOAD PEAR LINK	10/20/2000	11/1/2000	SOD-5-3-2-1	49/1000
10-40887	PROOF LOAD LIFTING SLINGS 20'	10/20/2000	11/1/2000	SOD-5-3-2-1	49/1000
10-40907	PROOF LOAD PALLET JACK 2200#	10/30/2000	11/3/2000	SOD-5-3-2-1	LMF
10-40908	PROOF LOAD (2) SISSOR LIFTS	10/30/2000	11/1/2000	SOD-5-3-2-1	924
10-40909	PROOF LOAD FORKLIFT TRUCK	10/31/2000	11/1/2000	SOD-5-3-2-1	10/100A
10-40910	PROOF LOAD SHACKLES	10/31/2000	11/1/2000	SOD-5-3-2-1	420
10-40911	MOVE ENGINE TO HANGER-990	10/31/2000	11/6/2000	SOD-5-3-2-1	333
10-40912	MOVE ENGINE TO HANGER-333	10/31/2000	11/6/2000	SOD-5-3-2-1	990
10-40913	PROOF LOAD LANYARDS	10/31/2000	11/3/2000	SOD-5-3-2-1	LMF
10-40914	PROOF LOAD HARNESSSES	10/31/2000	11/3/2000	SOD-5-3-2-1	LMF
10-40915	PROOF LOAD LIFTING STRAPS	10/31/2000	11/3/2000	SOD-5-3-2-1	LMF

NASA	DESCRIPTION	REQUESTED	COMPLETION	METERED	LOCATION
ORDER #	OF TASK	DATE	DATE	LINE ITEM	OF TASK
10-40916	PROOF LOAD LANYARDS	11/13/2000	11/3/2000	SOD-5-3-2-1	LMF
10-40917	PROOF LOAD STRAPS	10/31/2000	11/3/2000	SOD-5-3-2-1	NBL
10-40918	MOVE AND ASSIST CUSTOMER IN INSTALLING A 30"X7' COLUMN	10/31/2000	11/1/2000	SOD-5-3-2-1	360
10-40919	PROOF LOAD SHORT ARM CENTRIFUGE	10/31/2000	11/2/2000	SOD-5-3-2-1	37/205
11-40920	PROOF LOAD SLING WING CONTROL	11/1/2000	11/12/2000	SOD-5-3-2-1	ELL-135
11-40921	PROOF LOAD UNISTRUT	11/2/2000	11/3/2000	SOD-5-3-2-1	29
11-40924	MOVE RACK SHIPPING CONTAINER FROM HIBAY & RETURN	11/3/2000	11/20/2000	SOD-5-3-2-1	241
11-40925	REMOVE IFRP FROM SHIPPING CONTAINER AND SET ON BASE	11/3/2000	11/20/2000	SOD-5-3-2-1	241
11-40926	PROOF LOAD HOIST RINGS SWIVEL	11/3/2000	11/6/2000	SOD-5-3-2-1	10/100C
11-40929	MOVE SS PIPE OUTSIDE BLDG TO INSIDE AND HANG	11/6/2000	11/7/2000	SOD-5-3-2-1	360
11-40930	PROOF LOAD SAFETY HARNESES & LANYARDS	11/6/2000	11/17/2000	SOD-5-3-2-1	420
11-40931	PROOF LOAD NYLON SLINGS	11/6/2000	11/17/2000	SOD-5-3-2-1	420
11-40932	PROOF LOAD COME-A-LONG	11/6/2000	11/17/2000	SOD-5-3-2-1	420
11-40933	PROOF LOAD SHACKLES	11/6/2000	11/17/2000	SOD-5-3-2-1	420
11-40934	PROOF LOAD PEAR SHAPED O-RING	11/6/2000	11/17/2000	SOD-5-3-2-1	420
11-40936	PROOF LOAD UPRIGHT MANLIFT AB46	11/6/2000	11/13/2000	SOD-5-3-2-1	49/1004
11-40937	PROOF LOAD ANTENNA POSITIONER / TOWER	11/7/2000	11/9/2000	SOD-5-3-2-1	18
11-40938	PROOF LOAD ANTENNA POSITIONER / TOWER	11/7/2000	11/9/2000	SOD-5-3-2-1	14/133
11-40939	SET (2) DIFFUSION PUMPS	11/7/2000	11/9/2000	SOD-5-3-4-1A	351
11-40940	PROOF LOAD EXTENTIONS	11/9/2000	11/13/2000	SOD-5-3-2-1	LMF
11-40941	PROOF LOAD HARNESES	11/9/2000	11/13/2000	SOD-5-3-2-1	LMF
11-40942	PROOF LOAD LIFTING STRAPS	11/9/2000	11/13/2000	SOD-5-3-2-1	LMF
11-40943	PROOF LOAD LANYARDS	11/9/2000	11/13/2000	SOD-5-3-2-1	LMF
11-40945	PROOF LOAD GANE CART ASSY	11/8/2000	11/17/2000	SOD-5-3-2-1	14/HIBAY
11-40946	PROOF LOAD RACHET STRAP	11/8/2000	11/13/2000	SOD-5-3-2-1	420/110
11-40947	PROOF LOAD SLING ASSY	11/8/2000	11/13/2000	SOD-5-3-2-1	420/110
11-40948	PROOF LOAD SGSF SUPPORT EQUIPMENT	11/8/2000	11/15/2000	SOD-5-3-2-1	924
11-40949	MOVE TABLE FROM HIBAY TO ROOM 2010	11/9/2000	11/13/2000	SOD-5-3-2-1	7

NASA	DESCRIPTION	REQUESTED	COMPLETION	METERED	LOCATION
ORDER #	OF TASK	DATE	DATE	LINE ITEM	OF TASK
11-40950C	P/U SOAR INTEGRATED ASSY PLATFORM AND SET ON BLOCKS	11/9/2000	11/14/2000	SOD-5-3-2-1	14/HB-132
11-40951	PROOF LOAD DOG CLAMPS	11/9/2000	11/13/2000	SOD-5-3-2-1	10/100C
11-40952	PROOF LOAD NYLON SLINGS	11/9/2000	11/13/2000	SOD-5-3-2-1	10/100C
11-40953	PROOF LOAD 1" SS HOIST RINGS	11/9/2000	11/13/2000	SOD-5-3-2-1	10/100C
11-40954	PROOF LOAD TURN BUCKLES	11/9/2000	11/13/2000	SOD-5-3-2-1	10/100C
11-40955	PROOF LOAD SWIVEL HOIST RINGS	11/9/2000	11/13/2000	SOD-5-3-2-1	10/100C
11-40956	PROOF LOAD HARNESS & LANYARDS	11/9/2000	11/15/2000	SOD-5-3-2-1	9B
11-40957	PROOF LOAD STRAP, J-BOLTS, SHACKEL	11/9/2000	11/15/2000	SOD-5-3-2-1	9B
11-40958	REPOSITION 2 RACKS	11/9/2000	11/14/2000	SOD-5-3-2-1	10
11-40959	OFF LOAD CRATE	11/9/2000	11/14/2000	SOD-5-3-4-1A	29
11-40960	PROOF LOAD STRAPS, SLING BRIDLE	11/9/2000	11/15/2000	SOD-5-3-2-1	9B
11-40964	PROOF LOAD SHACKLES/LIFTING STRAPS	11/9/2000	11/13/2000	SOD-5-3-2-1	016/1016
11-40967	PROOF LOAD BRIDAL	11/13/2000	11/15/2000	SOD-5-3-2-1	NBL
11-40968	PROOF LOAD BRIGGS JIG LIFT	11/14/2000	11/17/2000	SOD-5-3-2-1	32Q
11-40971	MOVE (2) SS RINGS TO THE NBL AND SET ON STANDS	11/14/2000	11/16/2000	SOD-5-3-2-1	10
11-40972	MOVE NODE CRADLE TO BLDG-010	11/14/2000	11/16/2000	SOD-5-3-2-1	220
11-40975	REMOVE LATHE FROM SHIPPING PALLET AND SET	11/15/2000	11/17/2000	SOD-5-3-2-1	10
11-40977	PROOF LOAD JERGENS LIFT RINGS	11/16/2000	11/13/2000	SOD-5-3-2-1	10/100C
11-40978	PROOF LOAD SHACKLES	11/16/2000	11/20/2000	SOD-5-3-2-1	NBL
11-40979	PROOF LOAD STRAPS	11/16/2000	11/20/2000	SOD-5-3-2-1	NBL
11-40980	PROOF LOAD SSATA HOIST	11/16/2000	11/28/2000	SOD-5-3-2-1	7/SSATA
11-40981	SET 4" SS PIPE ON GROUND	11/17/2000	11/21/2000	SOD-5-3-2-1	360
11-40982	PROOF LOAD CAROLINA LIFTING HOIST	11/17/2000	11/21/2000	SOD-5-3-2-1	LM3
11-40985	PROOF LOAD LIFTING STRAPS	11/20/2000	11/20/2000	SOD-5-3-2-1	LMF
11-40986	MOVE 4 ARM FRAMES & 2 CREEP TEST MACHINES TO BLDG-050 AND PLACE	11/20/2000	11/22/2000	SOD-5-3-2-1	13
11-40987	MOVE LARGE SHIPPING CONTAINER TO BLDG.050 AND PLACE AS DIRECTED	11/21/2000	11/22/2000	SOD-5-3-2-1	13
11-40988	PROOF LOAD PMA ACOUSTICS TEST FIXTURE	11/21/2000	11/29/2000	SOD-5-3-2-1	LMF
11-40989	PROOF LOAD HOIST RING	11/21/2000	11/24/2000	SOD-5-3-2-1	NBL
11-40990	PROOF LOAD SHACKLES	11/22/2000	11/24/2000	SOD-5-3-2-1	NBL

NASA	DESCRIPTION	REQUESTED	COMPLETION	METERED	LOCATION
ORDER #	OF TASK	DATE	DATE	LINE ITEM	OF TASK
11-40991	PROOF LOAD SHACKLES	11/22/2000	11/24/2000	SOD-5-3-2-1	NBL
11-40992	PROOF LOAD SHACKLES	11/22/2000	11/24/2000	SOD-5-3-2-1	NBL
11-40995	PROOF LOAD STRAP	11/27/2000	11/28/2000	SOD-5-3-2-1	NBL
11-40996	PROOF LOAD LIFT BAGS	11/27/2000	11/29/2000	SOD-5-3-2-1	NBL
11-40997	PROOF LOAD LIFT BAGS	11/27/2000	11/29/2000	SOD-5-3-2-1	NBL
11-40998	PROOF LOAD LIFT BAGS	11/27/2000	11/29/2000	SOD-5-3-2-1	NBL
11-40999	PROOF LOAD LIFT BAGS	11/27/2000	11/29/2000	SOD-5-3-2-1	NBL
11-41000	PROOF LOAD LIFT BAGS	11/27/2000	11/29/2000	SOD-5-3-2-1	NBL
11-41002	PROOF LOAD (2) REELS	11/28/2000	11/30/2000	SOD-5-3-2-1	5N/160
11-41003	PROOF LOAD (2) STEEL CABLES	11/28/2000	11/30/2000	SOD-5-3-2-1	5N/160
11-41004	PROOF LOAD NYLON STRAPS	11/28/2000	11/30/2000	SOD-5-3-2-1	13
11-41005	PROOF LOAD HARNESSSES	11/28/2000	11/30/2000	SOD-5-3-2-1	13
11-41006	PROOF LOAD SAFETY EXTENSION	11/28/2000	11/30/2000	SOD-5-3-2-1	13
11-41007	PROOF LOAD SELF RETRACTING LIFELINE	11/28/2000	11/30/2000	SOD-5-3-2-1	13
11-41008	PROOF LOAD LANYARDS	11/28/2000	11/30/2000	SOD-5-3-2-1	13
11-41009	MOVE POWER SUPPLY TO BLDG-33	11/28/2000	11/30/2000	SOD-5-3-2-1	32
11-40962	PROOF LOAD SLING (PURCHASE)	11/9/2000	11/14/2000	SOD-5-3-3	016/1016
11-40963	PROOF LOAD SLING (PURCHASE)	11/9/2000	11/14/2000	SOD-5-3-3	016/1016
11-40965	PROOF LOAD SYNTHETIC WEB SLING (PURCHASE)	11/13/2000	11/14/2000	SOD-5-3-3	16
11-40966	PROOF LOAD SYNTHETIC WEB SLING (PURCHASE)	11/13/2000	11/14/2000	SOD-5-3-3	16
11-41012	PROOF LOAD WIRE ROPES (PURCHASE)	11/29/2000	11/30/2000	SOD-5-3-3	420/114
11-41013	PROOF LOAD WIRE ROPES (PURCHASE)	11/29/2000	11/30/2000	SOD-5-3-3	420/114
11-41014	PROOF LOAD WIRE ROPES (PURCHASE)	11/29/2000	11/30/2000	SOD-5-3-3	420/114
11-41015	PROOF LOAD WIRE ROPES (PURCHASE)	11/29/2000	11/30/2000	SOD-5-3-3	420/114
11-40922	PROOF LOAD FORK SPREADERS	11/2/2000	11/2/2000	SOD-5-3-4-1A	NBL
11-40923	UNLOAD ARTICLE FROM VAN & PLACE ON 2ND FLOOR HIBAY	11/2/2000	11/2/2000	SOD-5-3-4-1A	37
11-40928	UNLOAD TRUCK	11/3/2000	11/3/2000	SOD-5-3-4-1A	16A
11-40969	SET LOWER PART OF Z CHAMBER (1OF2)	11/14/2000	11/13/2000	SOD-5-3-4-1A	353
11-40970	SET LOWER PART OF Z CHAMBER (2OF2)	11/14/2000	11/13/2000	SOD-5-3-4-1A	353

NASA	DESCRIPTION	REQUESTED	COMPLETION	METERED	LOCATION
ORDER #	OF TASK	DATE	DATE	LINE ITEM	OF TASK
11-40974	LOAD LITHOGRAPHIC COPYING CAMERA ON TRUCK	11/14/2000	11/14/2000	SOD-5-3-4-1A	422
11-40976	LIFT IMBILICAL INTERFACE ASSEMBLE AND SET ON PLATFORM	11/16/2000	11/16/2000	SOD-5-3-4-1A	7
11-40983	PROOF LOAD EYE BOLT 3/4"	11/20/2000	11/20/2000	SOD-5-3-4-1A	420
11-40984	DELIVER WEIGHTS AND STRAPS TO LMF AND PLACE	11/20/2000	11/21/2000	SOD-5-3-4-1A	LMF
11-40994	LOAD 4 PALLETS ON TRUCK	11/27/2000	11/27/2000	SOD-5-3-4-1A	LMF
11-41001	PROOF LOAD SWIVEL HOIST RINGS	11/28/2000	11/28/2000	SOD-5-3-4-1A	NBL
11-41018	PROOF LOAD CRANE FLOOR HOIST	11/30/2000	11/30/2000	SOD-5-3-4-1A	278GP
10-40841C	TRANSPORT SGSF FROM HANGAR 990 TO HANGAR 924	10/13/2000	11/3/2000	SOD-5-3-4-1B	HANGER 990
11-40927	PLACE END CAP ON SGSF	11/3/2000	11/3/2000	SOD-5-3-4-1B	990
11-40961	MOVE 3 MOCKUPS INSIDE BLDG-009	11/9/2000	11/27/2000	SOD-5-3-4-1B	9
11-40973C	MOVE DRADLE W/NODE TO NBL (SOW ATTACHED)	11/14/2000	11/20/2000	SOD-5-3-4-1B	10
11-40993	REMOVE AND INSTALL RACK IN MOCK UP	11/27/2000	11/27/2000	SOD-5-3-4-1B	9
BOSS -64075	PROOF LOAD FORKLIFT	10/31/2000	11/1/2000	BOSS-5-3-2-2-1A	10/100A
BOSS -64256	P/U LATHE AND DELIVER TO BLDG-422	11/1/2000	11/2/2000	BOSS-5-3-2-2-1A	10/SHED
BOSS -64322	INSTALL ENGINES IN CRATE	11/1/2000	11/3/2000	BOSS-5-3-2-2-1A	9
BOSS -64443	P/U FORKLIFT W/BATTERY CHARGER AND DELV TO 422/LDY	11/3/2000	11/6/2000	BOSS-5-3-2-2-1A	OAO BLDG
BOSS -64448	REMOVE ANTENNA FROM TOP OF VAN	11/3/2000	11/3/2000	BOSS-5-3-2-2-1A	30 N SIDE
BOSS -64450	LOAD RESCUE LOAD ONTO FBT	11/3/2000	11/9/2000	BOSS-5-3-2-2-1A	ELL-990
BOSS -64455	PROOF LOAD ELECT PALLET LIFT NA8990	11/3/2000	11/8/2000	BOSS-5-3-2-2-1A	421
BOSS -64458	PROOF LOAD ELECT PALLET LIFT NA8991	11/3/2000	11/8/2000	BOSS-5-3-2-2-1A	421
BOSS -64459	PROOF LOAD ELECT PALLET LIFT NA8646	11/3/2000	11/8/2000	BOSS-5-3-2-2-1A	421
BOSS -64460	PROOF LOAD ELECT PALLET LIFT NA8955	11/3/2000	11/8/2000	BOSS-5-3-2-2-1A	420
BOSS -64461	PROOF LOAD ELECT PALLET LIFT NA8966	11/3/2000	11/8/2000	BOSS-5-3-2-2-1A	420
BOSS -65588	LOAD CAMERA UNIT ONTO FBT	11/13/2000	11/14/2000	BOSS-5-3-2-2-1A	422
BOSS -66046	MOVE 13 PIECES OF COMPUTER EQUIPMENT FROM ROOM 202 TO THE 1ST	11/17/2000	11/20/2000	BOSS-5-3-2-2-1A	351
BOSS -67295	P/U AND LOAD (2) DOCKING SYSTEMS DELIVERTO INDYNE - 18108 POINT LC	11/28/2000	11/29/2000	BOSS-5-3-2-2-1A	13/HIBAY
BOSS -69503	PROOF LOAD DIESEL FORK LIFT NA8739	12/14/2000	11/24/2000	BOSS-5-3-2-2-1A	420/WHSE
BOSS -64065	LIFT MOTOR AND TAKE TO LARRY ALLEN'S LDY	10/31/2000	11/1/2000	BOSS-5-3-2-2-1B	49

NASA	DESCRIPTION	REQUESTED	COMPLETION	METERED	LOCATION
ORDER #	OF TASK	DATE	DATE	LINE ITEM	OF TASK
BOSS -64066	LIFT MOTOR AND TAKE TO LARRY ALLEN'S LDY	10/31/2000	11/1/2000	BOSS-5-3-2-2-1B	49
BOSS -64360	P/U TRANSFORMER AND TAKE TO BLDG-14NORTH - DELV OLD TO R&U	11/2/2000	11/11/2000	BOSS-5-3-2-2-1B	420/S DOCK
BOSS -65844	SET MOTOR ON PUMP AT COOLING TOWER	11/15/2000	11/17/2000	BOSS-5-3-2-2-1B	49
BOSS -65845	SET MOTOR ON PUMP AT COOLING TOWER	11/15/2000	11/17/2000	BOSS-5-3-2-2-1B	49
BOSS -67336	REMOVE OLD DX UNIT AND SET NEW UNIT	11/24/2000	11/24/2000	BOSS-5-3-2-2-1B	420
BOSS -66443	REMOVE FAN FROM ROOF,PLACE NEW FAN ON ROOF APROX. WGT. 300 LBS	11/21/2000	11/29/2000	BOSS-5-3-2-2-1C	8
BOSS -66446	PROOF LOAD COME-A-LONG/CHAIN FALLS	11/21/2000	11/24/2000	BOSS-5-3-2-2-1C	323/101
BOSS -66449	PROOF LOAD NYLON SLINGS	11/21/2000	11/24/2000	BOSS-5-3-2-2-1C	323/101
BOSS -63335	OFF LOAD (1) AIR RIDE TRUCK	10/27/2000	11/3/2000	BOSS-5-3-2-2-4	16/HIBAY
BOSS -65587	OFF LOAD CHAMBER BASE	11/13/2000	11/13/2000	BOSS-5-3-2-2-4	353/117
BOSS -65633	OFF LOAD 2ND PART OF CHAMBER	11/13/2000	11/15/2000	BOSS-5-3-2-2-4	353/117
BOSS -65983	UNLOAD FBT AT BLDG-241	11/16/2000	11/16/2000	BOSS-5-3-2-2-4	421
BOSS -66364	P/U AIR COMPRESSOR AND BRING BACK TO SHIPPING	11/20/2000	11/20/2000	BOSS-5-3-2-2-4	354
BOSS -66455	OFF LOAD A NODE	11/21/2000	11/21/2000	BOSS-5-3-2-2-4	220 H/B
BOSS -67524	OFF LOAD 5 CRATES	11/30/2000	11/30/2000	BOSS-5-3-2-2-4	5S/HIBAY
BOSS -65699	SET COMPRESSOR ON ROOF	11/14/2000	11/15/2000	BOSS-5-3-2-2-5A	352

NASA	DESCRIPTION	REQUESTED	COMPLETION	METERED	LOCATION
ORDER #	OF TASK	DATE	DATE	LINE ITEM	OF TASK
BOSS-86455	PROOF LOAD 1000 LB HOIST AT 100%	5/9/2001	5/10/2001	BOSS-5-3-2-2-1B	326
BOSS-85552	LOAD TRUCKS 2OF2	5/2/2001	5/3/2001	BOSS-5-3-2-2-1A	NBL
BOSS-85770	LOAD TRUCKS 2OF2	5/2/2001	5/3/2001	BOSS-5-3-2-2-1A	NBL
BOSS-86204	PU (3) EA.PALLET TEST BED & DELIVER TO BLDG. 422/LDY	5/7/2001	5/8/2001	BOSS-5-3-2-2-1A	32/LDY
BOSS-86316	P/U ARTIFICIAL GRAVITY SIMULATOR AND DELV TO R&U	5/8/2001	5/10/2001	BOSS-5-3-2-2-1A	262/266 PK LOT
BOSS-87064	LOAD STEEL BEAMS INTO SCRAP BIN	5/15/2001	5/17/2001	BOSS-5-3-2-2-1A	336/LDY
BOSS-87272	DELIVER 2 RACKS TO BLDG-222/106	5/17/2001	5/22/2001	BOSS-5-3-2-2-1A	421/WHSE
BOSS-87822	RELOCATE (2) GUN SAFES	5/22/2001	5/22/2001	BOSS-5-3-2-2-1A	420/105A
BOSS-86212	PROOF LOAD FORK LIFT - ALLIS-CHAMBERS	5/7/2001	5/23/2001	BOSS-5-3-2-2-1A	222
BOSS-87404	SUPPORT LOADING EQUIPT (1,000 LBS 61X49X12) FOR SHIPPING	5/18/2001	5/23/2001	BOSS-5-3-2-2-1A	37/201HB
BOSS-84613	LOAD TEST DEMAG CRANE 125%	4/24/2001	5/1/2001	BOSS-5-3-2-2-1B	920N
BOSS-84614	LOAD TEST DEMAG CRANE 100%	4/24/2001	5/1/2001	BOSS-5-3-2-2-1B	NBL/920
BOSS-85274	SUPPORT FOR REPAIRS ON PUMPS	4/27/2001	5/1/2001	BOSS-5-3-2-2-1B	383
BOSS-85722	PROOF LOAD SLINGS	4/5/2001	5/5/2001	BOSS-5-3-2-2-1B	325/TOOL RM
BOSS-86345	LOAD TEST 10-TON DEMAG CRANE	5/8/2001	5/11/2001	BOSS-5-3-2-2-1B	LMF
BOSS-86346	LOAD TEST DUAL 5-TON KRANCO HOIST	5/8/2001	5/11/2001	BOSS-5-3-2-2-1B	LMF
BOSS-86573	PROOF LOAD SUPPORT TO LOAD TEST 1.5-TON CRANE & 10-TON CRANE	5/10/2001	5/11/2001	BOSS-5-3-2-2-1B	15S/HIBAY
BOSS-86340	SUPPORT FOR ELEVATOR TECHS	5/8/2001	5/14/2001	BOSS-5-3-2-2-1B	30S/W PENTHSE
BOSS-86661	LOWER CABLE DRUM FOR REPAIRS ON 20/5 TON HOIST	5/11/2001	5/14/2001	BOSS-5-3-2-2-1B	49
BOSS-87153	SUPPORT FOR BROKEN ROLL-UP DOOR	5/16/2001	5/17/2001	BOSS-5-3-2-2-1B	ELL-136
BOSS-87102	TAKE MOTOR TO SCTF AND SUPPORT INSTALLATION	5/15/2001	5/21/2001	BOSS-5-3-2-2-1B	420
BOSS-87396	LIFT MOTOR TO ROOF	5/18/2001	5/22/2001	BOSS-5-3-2-2-1B	030S/ROOF
BOSS-85675	LIFT FILTER ASSY TO ROOF	5/3/2001	5/8/2001	BOSS-5-3-2-2-1C	31 ROOF
BOSS-85280	MOVE BAR STOCK RACK TO SOUTH END OF BLDG	4/27/2001	5/4/2001	BOSS-5-3-2-2-4	421/NORTH END
BOSS-85556	RESET REPAIRED MOTOR	5/2/2001	5/2/2001	BOSS-5-3-2-2-5A	4S/PENTHOUSE
BOSS-86726	SET MOTOR ON PUMP	5/14/2001	5/14/2001	BOSS-5-3-2-2-5A	222

BOSS-87935	P/U MOTOR AND DELV TO SCTF - SUPPORT ELECTRICIANS	5/23/2001	5/24/2001	BOSS-5-3-2-2-5A	420
BOSS-88601	SUPPORT TO SET CHILLER COMPRESSOR	5/31/2001	5/31/2001	BOSS-5-3-2-2-5A	422
BOSS-88161	REMOVE OLD COMPRESSOR & SET NEW COMPRESSOR OUTSIDE NORTH	5/25/2001	5/25/2001	BOSS-5-3-2-2-5B	17 NORTH SIDE
05-50185	LIFT FOUR CONSOLES TO SECOND FLOOR	5/11/2001	5/17/2001	SOD-5-3-2-1	33
04-50131	MOVE 12 ITEMS & 1 ASSY TO LMF	4/27/2001	5/1/2001	SOD-5-3-2-1	32
04-50132	PROOF LOAD SHACKLE	4/30/2001	5/1/2001	SOD-5-3-2-1	420
04-50136	MOVE 3 POWER SUPPLIES AND EQUIP RACK	4/30/2001	5/2/2001	SOD-5-3-2-1	16A
05-50139	PROOF LOAD STRAPS	5/1/2001	5/2/2001	SOD-5-3-2-1	NBL
05-50140	PROOF LOAD ROUND SLINGS	5/1/2001	5/2/2001	SOD-5-3-2-1	NBL
04-50120C	UPRIGHT P3/P4 TO VERTICAL POSITION	4/26/2001	5/2/2001	SOD-5-3-2-1	49
04-50015C	MOVE PSRD TO BLDG-359	4/3/2001	5/4/2001	SOD-5-3-2-1	351
05-50146	PROOF LOAD STRAPS	5/2/2001	5/4/2001	SOD-5-3-2-1	NBL
04-50137C	MOVE SO FROM WEST SIDE OF BLDG TO EAST SIDE	4/30/2001	5/7/2001	SOD-5-3-2-1	LMF
05-50147	PROOF LOAD EQUIPMENT BASKETS	5/3/2001	5/7/2001	SOD-5-3-2-1	14/HIBAY
05-50148	PROOF LOAD 15' WEB SLINGS	5/3/2001	5/7/2001	SOD-5-3-2-1	14/HIBAY
05-50149	MOVE 2 ALUMINUM ISS TRUSS SEGMENTS	5/3/2001	5/7/2001	SOD-5-3-2-1	SCTF/NBL
05-50150	TRANSPORT BLUE MANLIFT TO BLDG032	5/3/2001	5/7/2001	SOD-5-3-2-1	7
05-50152	MOVE 2 ALUMINUM ISS TRUSS SEGMENTS (2ND W/O ISSUED)	5/3/2001	5/7/2001	SOD-5-3-2-1	SCTF/NBL
05-50153	PROOF LOAD SLING SEAT/WING (CRITICAL LIFT)	5/4/2001	5/7/2001	SOD-5-3-2-1	ELL-270
05-50154	PROOF LOAD LANYARD/FALL PROTECTION	5/4/2001	5/7/2001	SOD-5-3-2-1	013/1004
05-50160	PROOF LOAD NYLON SLINGS	5/8/2001	5/7/2001	SOD-5-3-2-1	420
05-50161	PROOF LOAD SHACKLES, PEAR RINGS	5/8/2001	5/7/2001	SOD-5-3-2-1	420
04-50124	PROOF LOAD FORKLIFT - 0011	4/27/2001	5/9/2001	SOD-5-3-2-1	GP-278
04-50125	PROOF LOAD FORKLIFT	4/27/2001	5/9/2001	SOD-5-3-2-1	HGR-990
04-50127	PROOF LOAD FORKLIFT - CLARK -0061	4/27/2001	5/9/2001	SOD-5-3-2-1	GP-278
04-50128	PROOF LOAD FORKLIFT - 0010	4/27/2001	5/9/2001	SOD-5-3-2-1	GP-278
05-50165	PROOF LOAD LANYARD EXTENTIONS	5/8/2001	5/9/2001	SOD-5-3-2-1	LMF
05-50171	LIFT CENTRIFUGE ONTO CART	5/9/2001	5/9/2001	SOD-5-3-2-1	37/302
04-50108	PROOF LOAD WETE COLD PLATE ASSEMBLY	4/23/2001	5/10/2001	SOD-5-3-2-1	33

05-50156C	LIFT/MOVE ALUMINUM ISS (TRAINING MOCKUP) TRANSPORT TO B-10	5/4/2001	5/10/2001	SOD-5-3-2-1	SCTF/NBL
05-50158	PROOF LOAD TIE DOWN	5/8/2001	5/10/2001	SOD-5-3-2-1	FUEL PAD
05-50159	PROOF LOAD TIE DOWN	5/8/2001	5/10/2001	SOD-5-3-2-1	FUEL PAD
05-50163	PROOF LOAD HARNESS	5/8/2001	5/10/2001	SOD-5-3-2-1	LMF
05-50164	PROOF LOAD MASTER LINK - FORGED EYE ROLLS	5/8/2001	5/10/2001	SOD-5-3-2-1	LMF
05-50169	PROOF LOAD CHAMBER E UNISTRUT TRAY	5/8/2001	5/10/2001	SOD-5-3-2-1	33
04-50126	PROOF LOAD FORKLIFT - 0060	4/27/2001	5/9/2001	SOD-5-3-2-1	GP-278
BOSS-86258	PULL MOTOR ON PUMP P-406	5/8/2001	5/11/2001	SOD-5-3-2-1	222
05-50170	PROOF LOAD SHACKLES	5/9/2001	5/14/2001	SOD-5-3-2-1	15/1000
05-50176	PROOF LOAD (2)1/4-TON JIB CRANES, (2) 1/2-TON HOISTS	5/10/2001	5/14/2001	SOD-5-3-2-1	16A/1040 IN DOME
05-50181	P/U & DELIVER BALE OF HAY & PLACE UNDER BIG SHED IN THE FIELD	5/11/2001	5/14/2001	SOD-5-3-2-1	300 AREA
05-50186	PROOF LOAD SHACKLE	5/14/2001	5/14/2001	SOD-5-3-2-1	49/1001A
05-50178	PROOF LOAD MANLIFT	5/11/2001	5/14/2001	SOD-5-3-2-1	5/117C
05-50179	MOVE MANLIFT TO BLDG.417 FOR REPAIRS	5/11/2001	5/15/2001	SOD-5-3-2-1	5/117C
05-50182	PROOF LOAD STRAPS	5/11/2001	5/15/2001	SOD-5-3-2-1	NBL
05-50183	PROOF LOAD ROUND SLINGS	5/11/2001	5/15/2001	SOD-5-3-2-1	NBL
05-50188	PROOF LOAD LIFTING EYES ROOF SECTION	5/14/2001	5/15/2001	SOD-5-3-2-1	419/120
05-50172	PROOF LOAD 1" SLINGS	5/9/2001	5/16/2001	SOD-5-3-2-1	9C HIBAY (CAGE)
05-50173	PROOF LOAD NYLON SLINGS	5/9/2001	5/16/2001	SOD-5-3-2-1	9C HIBAY (CAGE)
05-50174	PROOF LOAD 2-TON CHAIN HOIST	5/9/2001	5/16/2001	SOD-5-3-2-1	9C HIBAY (CAGE)
05-50191	P/U TUG AND DELIVER TO BLDG. 220 LAYDOWN YARD	5/16/2001	5/16/2001	SOD-5-3-2-1	ELL-278
04-50107C	LIFT WETA ANTENNAE FROM FLOOR TO MEZZANINE	4/23/2001	5/17/2001	SOD-5-3-2-1	33
05-50141	PROOF LOAD LIFTING STRAPS	5/2/2001	5/17/2001	SOD-5-3-2-1	9S/1929
05-50190	PROOF LOAD STRAPS	5/14/2001	5/17/2001	SOD-5-3-2-1	NBL
05-50194	MOVE TL 33 ENGINE TO BLDG. 333	5/16/2001	5/17/2001	SOD-5-3-2-1	ELL-990
05-50195	MOVE (2) CRATES TO BLDG. 333	5/16/2001	5/17/2001	SOD-5-3-2-1	ELL-380
05-50197	PROOF LOAD G-LINK	5/17/2001	5/18/2001	SOD-5-3-2-1	NBL
05-50168C	LOWER HEATER CAGE OVER WETA AS DIRECTED BY CUSTOMER	5/8/2001	5/21/2001	SOD-5-3-2-1	33
05-50204	MOVE CHAMBER FLOOR OUTSIDE	5/17/2001	5/22/2001	SOD-5-3-2-1	350

05-50209	PROOF LOAD EYE BOLTS	5/21/2001	5/23/2001	SOD-5-3-2-1	9NE
05-50210	PROOF LOAD SHACKLES	5/21/2001	5/23/2001	SOD-5-3-2-1	9NE
05-50211	MOVE J57 ENGINE TO ELLINGTON-990	5/21/2001	5/23/2001	SOD-5-3-2-1	333
05-50212	LIFT TF33 AIRCRAFT ENGINE SO WORK CAN BE DONE ON ENGINE MOUNTS	5/21/2001	5/23/2001	SOD-5-3-2-1	ELL-990
05-50214	PROOF LOAD MOUNTED "L" FRAME	5/22/2001	5/23/2001	SOD-5-3-2-1	13/1006
02-41367	ASSIST IN SETTING 2 GATE VALVES	2/20/2001	5/24/2001	SOD-5-3-2-1	350
05-50175	PROOF LOAD MOCKUP LIFT	5/10/2001	5/24/2001	SOD-5-3-2-1	16A/1040 IN DOME
05-50177	PROOF LOAD (2) JIB CRANES	5/10/2001	5/24/2001	SOD-5-3-2-1	16A/1040 IN DOME
05-50199C	LOWER HEATER CAGE OVER WETA AS DIRECTED BY CUSTOMER	5/17/2001	5/24/2001	SOD-5-3-2-1	33
05-50216	PROOF LOAD PIP PIN	5/22/2001	5/24/2001	SOD-5-3-2-1	LM10
05-50217	PROOF LOAD DONNING STAND	5/23/2001	5/24/2001	SOD-5-3-2-1	NBL
05-50235	MOVE BLUE MANLIFT TO BUILDING 7 HIGH BAY	5/24/2001	5/24/2001	SOD-5-3-2-1	32
05-50236	MOVE LARGE POWER SUPPLY UNIT TO BUILDING-33 (SURVEY JOB)	5/24/2001	5/24/2001	SOD-5-3-2-1	7
05-50239	MOVE POWER SUPPLY FROM BUILDING 33 TO BUILDING 32	5/24/2001	5/24/2001	SOD-5-3-2-1	33
05-50198C	LIFT HEATER CAGE OFF WETA AS DIRECTED BY CUSTOMER	5/17/2001	5/24/2001	SOD-5-3-2-1	33
05-50200C	LOWER WETA ANTENNA FROM MEZZANINE TO FLOOR	5/17/2001	5/24/2001	SOD-5-3-2-1	33
05-50205	PROOF LOAD FORKLIFT EXTENSIONS	5/17/2001	5/18/2001	SOD-5-3-2-1	NBL
05-50215	PROOF LOAD HARNESS	5/22/2001	5/24/2001	SOD-5-3-2-1	5N
05-50233	MOVE HYDROSTAT TEST EQUIPMENT TO BLDG-356	5/23/2001	5/25/2001	SOD-5-3-2-1	9S/1027A
05-50218	PROOF LOAD COME ALONG	5/23/2001	5/29/2001	SOD-5-3-2-1	32/TOOL CRIB
05-50223	PROOF LOAD COME ALONG	5/23/2001	5/29/2001	SOD-5-3-2-1	32/CRYO 1904
05-50228	PROOF LOAD NYLON SLINGS	5/23/2001	5/29/2001	SOD-5-3-2-1	33
05-50229	PROOF LOAD WIRE ROPE / NYLON SLINGS	5/23/2001	5/29/2001	SOD-5-3-2-1	33
05-50230	PROOF LOAD TURNBUCKLE JAW ENDS 1/4"	5/23/2001	5/29/2001	SOD-5-3-2-1	33
05-50231	PROOF LOAD SHACKLES	5/23/2001	5/29/2001	SOD-5-3-2-1	33
05-50232	PROOF LOAD SHACKLES	5/23/2001	5/29/2001	SOD-5-3-2-1	33
05-50244	PROOF LOAD SCREW PIN SHACKLE	5/25/2001	5/29/2001	SOD-5-3-2-1	10/W END RECVG
05-50245	PROOF LOAD SWIVEL HOIST RING	5/25/2001	5/29/2001	SOD-5-3-2-1	10/W END RECVG
05-50219	PROOF LOAD SUPPORT STAND	5/23/2001	5/30/2001	SOD-5-3-2-1	33/CH E

05-50220	PROOF LOAD GANTRY/Crane	5/23/2001	5/30/2001	SOD-5-3-2-1	32/AIRLOCK
05-50221	PROOF LOAD PALLET JACK	5/23/2001	5/30/2001	SOD-5-3-2-1	29/ROTUNDA
05-50242	TRANSPORT T-38 AIRCRAFT FUSELAGE TO BLDG. 356 @ JSC	5/25/2001	5/30/2001	SOD-5-3-2-1	ELL-380/WHSE
05-50193	PROOF LOAD HOIST	5/16/2001	5/31/2001	SOD-5-3-2-1	278
05-50249C	LIFT AND RELOCATE ITEMS TO SOUTH HIBAY	5/30/2001	5/31/2001	SOD-5-3-2-1	LMF
05-50258	LIFT LAMENATOR AND STAND TO 2ND FLOOR	5/31/2001	5/31/2001	SOD-5-3-2-1	14/HIBAY
05-50138	PROOF LOAD DONNING STAND	5/1/2001	5/1/2001	SOD-5-3-4-1A	34
05-50142	PROOF LOAD ORLANDO SUIT LIFTING SYST	5/1/2001	5/1/2001	SOD-5-3-4-1A	34
05-50143	PROOF LOAD BRIDAL	5/2/2001	5/2/2001	SOD-5-3-4-1A	NBL
05-50145	PROOF LOAD LIFT BAGS	5/2/2001	5/3/2001	SOD-5-3-4-1A	NBL
05-50155	PROOF LOAD SLINGS	5/4/2001	5/4/2001	SOD-5-3-4-1A	010/100C
05-50151	MOVE 4 BEAMS	5/3/2001	5/4/2001	SOD-5-3-4-1A	NBL
05-50157	MOVE (5x5x6) CRATE FROM LMF & TRANSPORT TO BUILDING-32	5/4/2001	5/7/2001	SOD-5-3-4-1A	SCTF/NBL
05-50162	REMOVE HOOK FROM SPREADER BAR	5/8/2001	5/8/2001	SOD-5-3-4-1A	220
05-50180	LIFT/MOVE S-1 TRUSS FROM LAYDOWN YARD TO HIGH BAY	5/11/2001	5/11/2001	SOD-5-3-4-1A	SCTF/NBL
05-50184	MOVE CABINET TO BLDG. 16A/1008 (CABINET IS APPROX 8'TALL X 2'WIDE)	5/11/2001	5/14/2001	SOD-5-3-4-1A	16/100
05-50187	REMOVE FLANGE	5/14/2001	5/14/2001	SOD-5-3-4-1A	007/2' CH
05-50189	MOVE CABINET TO BLDG. 16A/1008 (CABINET IS APPROX 8'TALL X 2'WIDE)	5/14/2001	5/15/2001	SOD-5-3-4-1A	16/100
05-50206	PROOF LOAD CLAMPS, CABLES, TURN BUCKLES	5/18/2001	5/18/2001	SOD-5-3-4-1A	14
05-50213	UPRIGHT 550 LB CRATE	5/21/2001	5/22/2001	SOD-5-3-4-1A	7/HIBAY
05-50224	PROOF LOAD WLK - BEHIND FORKLIFT	5/23/2001	5/23/2001	SOD-5-3-4-1A	220/100
05-50225C	LIFT HEATER CAGE OFF WETA AS DIRECTED BY CUSTOMER	5/23/2001	5/24/2001	SOD-5-3-4-1A	33
05-50226C	LOWER HEATER CAGE OVER WETA AS DIRECTED BY CUSTOMER	5/23/2001	5/24/2001	SOD-5-3-4-1A	33
05-50237	FLIP OVER PREVIOUSLY REMOVED CHAMBER FLOOR TO FACILITATE SANDBLAS	5/24/2001	5/24/2001	SOD-5-3-4-1A	351
05-50240	LIFT CONSOLE FROM MEZZANINE TO FLOOR AS DIRECTED BY CUSTOMER	5/24/2001	5/24/2001	SOD-5-3-4-1A	33
05-50241	FLIP OVER PREVIOUSLY REMOVED CHAMBER FLOOR TO FACILITATE SANDBLAS	5/24/2001	5/24/2001	SOD-5-3-4-1A	351
05-50234C	MOVE SSRMS & NBS FROM SOUTH NBL TO NORTH LMF	5/24/2001	5/25/2001	SOD-5-3-4-1A	SCTF/NBL
05-50243	LIFT & PLACE 84" X144" ALUMINUM PLATES ON TO TRUCK	5/25/2001	5/25/2001	SOD-5-3-4-1A	421/BOND RM

05-50246	PROOF LOAD SWIVEL HOIST RINGS (6)	5/25/2001	5/25/2001	SOD-5-3-4-1A	9B
05-50167	MOVE CMM FROM FORGE RIVER RD.TO JE @ HWY 3 -ELLINGTON (SURVEY)		5/14/2001	SOD-5-3-4-1B	SCTF/NBL
05-50227C	MOVE SSRMS BASE STAND & 3 PIPES FROM NORTH LDY TO NORTH LMF	5/23/2001	5/25/2001	SOD-5-3-4-1B	SCTF/NBL
06-50263	MOVE 2 BASE STANDS	6/1/2001	5/31/2001	SOD-5-3-4-1B	NBL

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 5 PAGES
2. AMENDMENT/MODIFICATION NO. 6	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA JSC Attn: SEB 416/Charles Bell 2101 NASA Road 1 Houston, TX 77058 FAX 281-483-2013/281-483-1139		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP Code)		(<input checked="" type="checkbox"/>) 9A. AMENDMENT OF SOLICITATION NO. 9-BJ32-T63-0-24P	(<input checked="" type="checkbox"/>) 9B. DATED (SEE ITEM 11) July 25, 2001
		10A. MODIFICATION OF CONTRACT/ORDER NO.	10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(<input checked="" type="checkbox"/>) A.	THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B.	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C.	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D.	OTHER Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, is required to sign this document and return ___ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The amendment accomplishes the following:

Replaces General Wage Decision TX010010, Modification 3, dated 7/6/01 with General Wage Decision TX010010, Modification 4, dated 8/17/01. Replacement pages are provided as Pages 2 through 5 of this amendment.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type)	
		Charles C. Bell, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY Original Signed by: Charles C. Bell	Aug 29, 2001

GENERAL DECISION TX010010 08/17/01 TX10
General Decision Number TX010010

Superseded General Decision No. TX000010

State: TEXAS

Construction Type:
BUILDING

County(ies):
GALVESTON HARRIS

BUILDING CONSTRUCTION PROJECTS (does not include single family homes & apartments up to & including 4 stories). (Use current highway general wage determination for Paving & Utilities incidental to Building Construction for Galveston (excluding Galveston Island) & Harris Cos.) (DOES NOT APPLY TO ANY WORK ON TREATMENT PLANT SITES IN HARRIS CO.)

Modification Number	Publication Date
0	03/02/2001
1	04/13/2001
2	05/11/2001
3	07/06/2001
4	08/17/2001

COUNTY(ies):
GALVESTON HARRIS

ASBE0022A 06/01/1999

	Rates	Fringes
INSULATOR/ASBESTOS WORKERS (includes application of all insulationg materials, protec- tive coverings, coatings and finishing to all types of mechanical systems)	17.59	5.75

* BRTX0001A 05/15/2001

	Rates	Fringes
GALVESTON COUNTY		
BRICKLAYERS & STONEMASONS	17.60	4.79

BRTX0007A 01/01/1999

	Rates	Fringes
HARRIS COUNTY		
BRICKLAYERS & STONEMASONS	15.55	4.65

J-E, 114

ELEV0031A 06/29/2001

	Rates	Fringes
ELEVATOR MECHANICS	22.99	7.195+a

FOOTNOTES:

a. - Employer contributes 8% of basic hourly rate for over 5 years' service and 6% of basic hourly rate for 6 months to 5 years' service as Vacation Pay Credit. Paid Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Friday after Thanksgiving Day; Christmas Day.

 ENGI0450E 04/01/2001

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		

GALVESTON COUNTY

Cranes	19.81	3.89
Forklifts	19.81	3.89

HARRIS COUNTY

Crane	18.34	4.65
Forklifts	18.34	4.65

FOOTNOTE: +1.00 per hour differential paid to all certified tower crane operators and all certified crane operators of 100 tons capacity and over

 * IRON0084A 06/01/2001

	Rates	Fringes
IRONWORKERS	20.08	4.50

 PAIN1008A 07/01/2001

	Rates	Fringes
GLAZIERS	17.60	4.59

 PAIN1008D 10/03/1999

	Rates	Fringes
SOFT FLOOR LAYERS	15.30	1.11

 * PLAS0079A 07/01/2000

	Rates	Fringes
PLASTERERS	15.79	4.275

 PLUM0068A 04/01/2001

	Rates	Fringes
PLUMBERS	22.73	5.50

 PLUM0211A 04/01/2001

	Rates	Fringes
PIPEFITTERS (including HVAC WORK)	21.71	7.35

 SFTX0669A 04/01/2001

	Rates	Fringes
SPRINKLER FITTERS	22.62	7.35

 * SHEE0054A 04/01/2001

	Rates	Fringes
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SHEET METAL WORKERS (Including
HVAC Duct Work)

21.30

5.69

SUTX1082A 04/01/1989

Rates

Fringes

CARPENTERS:

Excluding Drywall Hangers
and Acoustical Ceiling

13.45

2.42

Acoustical Ceiling

Installation Only

12.65

Drywall Hanging Only

10.99

CEMENT MASONS

13.43

2.18

ELECTRICIANS (Including Low
Voltage Work)

14.68

3.83

LABORERS, Unskilled

7.20

PAINTERS (Including Drywall
Finishers)

12.02

3.30

POWER EQUIPMENT OPERATORS:

Backhoes

11.79

Front End Loaders

12.17

ROOFERS

10.94

TILE SETTERS

14.41

TRUCK DRIVERS

10.63

WELDERS - Receive rate prescribed for craft performing operation
to which welding is incidental.

Unlisted classifications needed for work not included within
the scope of the classifications listed may be added after
award only as provided in the labor standards contract clauses
(29 CFR 5.5(a)(1)(v)).

In the listing above, the "SU" designation means that rates
listed under that identifier do not reflect collectively
bargained wage and fringe benefit rates. Other designations
indicate unions whose rates have been determined to be
prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can
be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a
position on a wage determination matter
- * a conformance (additional classification and rate)
ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour
Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the

Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE 1 OF 3 PAGES	
2. AMENDMENT/MODIFICATION NO. 5		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY NASA JSC Attn: SEB 416/Charles Bell 2101 NASA Road 1 Houston, TX 77058 FAX 281-483-2013/281-483-1139		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP Code)		(✓) 9A. AMENDMENT OF SOLICITATION NO. 9-BJ32-T63-0-24P		9B. DATED (SEE ITEM 11) July 25, 2001	
CODE		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	

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(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return ____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This amendment incorporates changes to the RFP. Specific changes are explained on continuation pages.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type Charles C. Bell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Original Signed by) (Signature of Contracting Officer)	Aug 24, 2001

Description of specific changes:

I. Extension of Proposal Submission Date:

In consideration of time required by potential offerors to address this amendment, the proposal submission date has been extended by 14 days from September 7, 2001, to September 21, 2001.

II. Amendments to Section J, Attachment E:

Wage Determination pages are incorporated into Section J, Attachment E, for each of the Collective Bargaining Agreements (CBA's). Incorporated pages for Section J, Attachment E, are listed as follows:

Wage Determination No. 1991-0124; CBA between BRSP and International Association of Machinists, Aerospace Workers, District No. 37, AFL-CIO, Local Lodge No. 1786 – **Page J-E, 18.**

Wage Determination No. 1999-0135, CBA between BRSP and International Union of Operating Engineers, Local No. 347, AFL-CIO – **Page J-E, 37.**

Wage Determination No. 1973-0023, CBA between BRSP (Construction Building Trades) and International Union of the AFL-CIO – **Page J-E, 59.**

Wage Determination No. 1999-0136, CBA between BRSP (Logistics and Transportation) and Teamsters Local Union No. 968 – **Page J-E, 75.**

Wage Determination No. 1999-0136, CBA between BRSP (Logistics and Transportation) and Teamsters Local Union No. 968 – **Page J-E, 95.**

General President's Project Agreement table has been revised. Updated table has been incorporated as **Page J-E, 72.**

As part of this amendment, replacement pages for Section J, Attachment E, are hereby provided to incorporate the changes made by this amendment. The replacement pages are posted to the NASA Acquisition Internet Service (NAIS) with this amendment at URL <http://procurement.nasa.gov/cgi-bin/EPS/sol.cgi?acqid=94550>.

III. Amendment to Section L:

Paragraph (6)c, **Page L,15** is hereby amended from:

Describe the initial steps that have been taken regarding recruitment. Submit appropriate substantiating documentation, including letters of commitment to support the offeror's ability to provide those skills defined in Annex 4, personnel requirements including Building 48 operators and operating engineers, as well as the offeror's ability to support activities related to the Center's high voltage electrical system.

to:

Describe the initial steps that have been taken regarding recruitment. Submit appropriate substantiating documentation, including letters of commitment to support the offeror's ability to provide those skills defined in Annex 4, personnel requirements including Building 48 operators and operating engineers, as well as the offeror's ability to support activities related to the Center's high voltage electrical system. If letters of commitment cannot be obtained, demonstrate that your total compensation package will be sufficient to retain any incumbent personnel.

As part of this amendment, replacement pages for Section L are hereby provided to incorporate the changes made by this amendment. The replacement pages are posted to the NASA Acquisition Internet Service (NAIS) with this amendment at URL <http://procurement.nasa.gov/cgi-bin/EPS/sol.cgi?acqid=94550>.

IV. To eliminate potential ambiguity with regard to organization of proposals, the Government hereby reminds offerors to submit the NASA Plan for Small Business Subcontracting Goals and the Representations, Certifications and Other Statements of Offerors (Section K) with the Management Volume (Volume I) of its proposal.

V. To eliminate potential ambiguity with regard to Section L, Part II, paragraph E entitled "Historical Financial Performance and Condition," the Government hereby provides the following point of clarification. Only those legal entities that would have privity of contract with the Government (e.g. prime contractor, parties to a joint venture, or partnership) upon award of a contract are required to submit the data required for the Government to evaluate historical financial performance and condition.

VI. To incorporate into the RFP an estimated base to which each coefficient will apply for proposal purposes the IDIQ cost forms have been updated. As part of this amendment, the cost forms contained in the excel spreadsheet titled IDIQ Forms.xls are hereby replaced with the version of IDIQ Forms.xls posted to the NASA Acquisition Internet Service (NAIS) with this amendment at URL <http://procurement.nasa.gov/cgi-bin/EPS/sol.cgi?acqid=94550>.

PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J - LIST OF ATTACHMENTS

ATTACHMENT E – WAGE DETERMINATION SERVICE CONTRACT TABLE OF CONTENTS

<u>EXHIBIT NO.</u>	<u>TITLE</u>	<u>PAGE NO.</u>
E-1	WAGE DETERMINATION FOR NON EXEMPT SERVICE EMPLOYEES	J-E, 1
E-1	LIST OF UNIONS – ATTACHMENT A	J-E, 2
E-1	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE	J-E, 3
E-1	DEPARTMENT OF LABOR WAGE DETERMINATIONS	J-E, 9
E-1	ECONOMIC TERMS OF COLLECTIVE BARGAINING AGREEMENTS BETWEEN:	
	BRSP AND IAM&AW, LOCAL 1786, DISTRICT 37	J-E, 18
	BRSP AND IUOE, LOCAL 347	J-E, 37
	BRSP AND GENERAL PRESIDENTS' PROJECT	J-E, 59
	MAINTENANCE AGREEMENT – CONSTRUCTION BUILDING TRADES	
	BRSP AND TEAMSTERS, LOCAL 968 (LOGISTICS)	J-E, 73
	BRSP AND TEAMSTERS, LOCAL 968 (TRANSPORTATION)	J-E, 95
E-1	GENERAL WAGE DECISION DATA FOR CONSTRUCTION EMPLOYEES DAVIS BACON GENERAL DECISION NUMBER TX010010	J-E, 113

Wage Determination Data for
Nonexempt Employees

The attached Department of Labor wage determination number 1994-2516 (revision 16) is incorporated into this solicitation for employees performing nonunion nonexempt services on this contract.

A large portion of the current workforce is represented by organized labor. In accordance with section 4c of the Service Contract Act, a contractor shall pay any service employee (regardless of whether or not such employee was employed under the predecessor contract) wages and fringe benefits provided for under a collective bargaining agreement (CBA). The Department of Labor has recognized the wages and benefits of the four CBA's between BRSP (incumbent contractor) and organized labor. Those wage determinations are 1991-0124, 1999-0135, 1999-0136, and 1973-0023.

To assist you in the preparation of this proposal, copies of the current CBA's between the incumbent contractor and organized labor was available for review in the JSC Scientific and Technical Resource Library (TRL). Pages pertaining to a sampling of the economic terms of the CBA's are provided, however, it is the contractor's responsibility to review the CBA's in their entirety.

List of Unions
Attachment A
(SF98 A2241772 - 8c)

1. CBA between prime contractor BRSP and the International Association of Machinists and Aerospace Workers, Local 1786, District 37, dated October 1, 1998 through September 30, 2001. (WD 91-0124) *
2. CBA between prime contractor BRSP and the International Union of Operating Engineers, Local 347, dated September 1, 1998 through August 31, 2001. (WD 99-0135) **
3. CBA between prime contractor BRSP and the General Presidents' Project Maintenance Agreement, dated July 31, 1997. (WD 73-0023) ***
4. CBA between prime contractor BRSP and the Teamsters, Local 968 (Logistics), dated December 16, 2000 through December 15, 2003. (WD 99-0136) ****
5. CBA between prime contractor BRSP and the Teamsters, Local 968 (Transportation), dated December 16, 2000 through December 15, 2003. (WD99-0136) *****

(Revised 01/25/01)

STANDARD FORM 98 Rev. Feb. 1973 U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE <i>(See Instructions on Reverse)</i>	1. NOTICE NO. <div style="font-size: 1.5em; font-weight: bold; text-align: center;">A2241772</div>																		
MAIL TO: <div style="text-align: center;"> Administrator Wage and Hour Division U.S. Department of Labor Washington, D.C. 20210 THRU: NASA/Goddard Space Flight Center Code 201/Wage Determination Processing </div>		2. Estimated solicitation date (use numerals) Recompetition <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Month</td> <td style="width: 33%;">Day</td> <td style="width: 33%;">Year</td> </tr> <tr> <td style="text-align: center;">02</td> <td style="text-align: center;">15</td> <td style="text-align: center;">01</td> </tr> </table> 3. Estimated date bids or proposals to be opened or negotiations begun (use numerals) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Month</td> <td style="width: 33%;">Day</td> <td style="width: 33%;">Year</td> </tr> <tr> <td style="text-align: center;">06</td> <td style="text-align: center;">01</td> <td style="text-align: center;">01</td> </tr> </table> 4. Date contract performance to begin (use numerals) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Month</td> <td style="width: 33%;">Day</td> <td style="width: 33%;">Year</td> </tr> <tr> <td style="text-align: center;">04</td> <td style="text-align: center;">01</td> <td style="text-align: center;">02</td> </tr> </table>	Month	Day	Year	02	15	01	Month	Day	Year	06	01	01	Month	Day	Year	04	01	02
Month	Day	Year																		
02	15	01																		
Month	Day	Year																		
06	01	01																		
Month	Day	Year																		
04	01	02																		
5. PLACE(S) OF PERFORMANCE Harris County, Houston, TX		6. SERVICES TO BE PERFORMED (describe) II - Base Operations Support Services WD Period: Solic- 02/15/01 thru Contract: 04/01/02 to 03/31/03																		
7. INFORMATION ABOUT PERFORMANCE A. <input checked="" type="checkbox"/> Services now performed by a contractor B. <input type="checkbox"/> Services now performed by Federal employees C. <input type="checkbox"/> Services not presently being performed																				
8. IF BOX A IN ITEM 7 IS MARKED, COMPLETE ITEM 8 AS APPLICABLE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> a. Name and address of incumbent contractor BRSP P.O. Box 58565 Houston, TX 77258 </td> <td style="width: 50%; vertical-align: top;"> b. Number(s) of any wage determination(s) in incumbent's contract WD 94-2516, WD 72-0229, WD 73-0023 WD 91-0124, WD 99-0135, WD 99-0136 </td> </tr> </table>			a. Name and address of incumbent contractor BRSP P.O. Box 58565 Houston, TX 77258	b. Number(s) of any wage determination(s) in incumbent's contract WD 94-2516, WD 72-0229, WD 73-0023 WD 91-0124, WD 99-0135, WD 99-0136																
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c. Name(s) of union(s) if services are being performed under collective bargaining agreement(s). Important: Attach copies of current applicable collective bargaining agreements List of Unions attached (Attachment A)		RESPONSE TO NOTICE <i>(by Department of Labor)</i> A. <input type="checkbox"/> The attached wage determination(s) listed below apply to procurement. B. <input type="checkbox"/> As of this date, no wage determination applicable to the specified locality and classes of employees is in effect. C. <input type="checkbox"/> From information supplied, the Service Contract Act does not apply (see attached explanation). D. <input type="checkbox"/> Notice returned for additional information (see attached explanation). Signed: _____ <div style="text-align: center; font-size: 0.8em;">(U.S. Department of Labor)</div> <div style="text-align: center; font-size: 0.8em;">(Date)</div>																		
9. OFFICIAL SUBMITTING NOTICE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">SIGNED: <i>Connie R. Pritchard</i></td> <td style="width: 40%;">DATE 11/20/02</td> </tr> <tr> <td>TYPE OR PRINT NAME Connie R. Pritchard Contract Labor Relations Officer</td> <td>TELEPHONE NO. 281-483-4121</td> </tr> </table>			SIGNED: <i>Connie R. Pritchard</i>	DATE 11/20/02	TYPE OR PRINT NAME Connie R. Pritchard Contract Labor Relations Officer	TELEPHONE NO. 281-483-4121														
SIGNED: <i>Connie R. Pritchard</i>	DATE 11/20/02																			
TYPE OR PRINT NAME Connie R. Pritchard Contract Labor Relations Officer	TELEPHONE NO. 281-483-4121																			
10. TYPE OR PRINT NAME AND TITLE OF PERSON TO WHOM RESPONSE IS TO BE SENT AND NAME AND ADDRESS OF DEPARTMENT OR AGENCY, BUREAU, DIVISION, ETC. <div style="text-align: center;"> NASA Johnson Space Center Attn: BA2/Connie R. Pritchard 2101 NASA Rd. One Houston, TX 77058 </div>																				
(Empty space for additional information or signature)																				

NOTICE OF INTENTION TO MAKE
A SERVICE CONTRACT AND RESPONSE TO NOTICE
(Attachment A)

11. Notice No.
NASA
A2241772

12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
Harris County, TX, Nonexempt/Union, CBA between IAM&AW, Local 1786, District 37 & BRSP *		
- continued -		
Heavy Equipment Mechanic *	0	Per CBA
Cooling Tower/Systems Mechanic *	1	Per CBA
Crane Maintenance/Systems Mechanic *	2	Per CBA
Engine/Generator Mechanic *	1	Per CBA
Mechanic/Technician *	2	Per CBA
Toolroom Attendant *	1	Per CBA
Harris County, TX, Nonexempt/Union, CBA between IUOE, Local 347 & BRSP **		
Chief Operator, B-24 **	4	Per CBA
Chief Operator, Field **	4	Per CBA
EMCS Operator, B-24 **	4	Per CBA
Environmental Operator **	1	Per CBA
Lab Technician **	1	Per CBA
Operator, B-24 **	4	Per CBA
Relief Operator **	12	Per CBA
Roving Operator **	4	Per CBA
Training Chief Operator **	1	Per CBA
Harris County, TX, Nonexempt/Union, CBA between AFL-CIO General Presidents Agreement – Bldg Trades & BRSP ***		
Iron Worker ***	1	Per CBA
Iron Worker, Foreman ***	1	Per CBA
Carpenter ***	4	Per CBA
Carpenter, Foreman ***	1	Per CBA
Laborer ***	9	Per CBA
Laborer, Foreman ***	1	Per CBA

FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration		NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)		11. Notice No. NASA A2241772	
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Union, CBA between AFL-CIO General President's Agreement – Bldg. Trades & BRSP ***			13. NUMBER OF EMPLOYEES IN EACH CLASS		14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
- continued -					
Electrical Lineman ***			2		Per CBA
Electrical Lineman, Foreman ***			1		Per CBA
Millwright ***			1		Per CBA
Millwright, Foreman ***			2		Per CBA
Painter ***			4		Per CBA
Pipefitter ***			16		Per CBA
Pipefitter, Foreman ***			4		Per CBA
Pipefitter, General Foreman ***			0		Per CBA
Plumber ***			4		Per CBA
Plumber, Foreman ***			3		Per CBA
Material Checker ***			3		Per CBA
Electrician ***			15		Per CBA
Electrician, Foreman ***			4		Per CBA
Electrician, General Foreman ***			0		Per CBA
Insulator, Asbestos Abatement ***			3		Per CBA
Sheetmetal ***			2		Per CBA
Driver Truck (Heavy), ISW Spill Response ***			2		Per CBA
Heavy Equipment Operator ***			1		Per CBA
Roofer ***			4		Per CBA
Roofer Foreman ***			1		Per CBA
Electrical Lineman ***			2		Per CBA
Electrical Lineman, Foreman ***			1		Per CBA
Harris County, TX Nonexempt/Union, CBA between Teamsters, Local 968 (Logistics) and BRSP ****					
Cataloger ****			2		GS-7
Clerk Typist ****			1		GS-2
Customer Service Clerk ****			3		GS-5

FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)	11. Notice No. NASA A2241772
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Union, CBA between Teamsters, Local 968 (Logistics) and BRSP ****	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
- continued -		
Inchecker/Warehouse Person ****	1	Per CBA
Inspector ****	1	Per CBA
Senior Inspector ****	1	Per CBA
Furniture Repair/Warehouse Person ****	5	Per CBA
Furniture Repair/Warehouse Person, Lead ****	1	Per CBA
Storekeeper ****	3	Per CBA
Bond Room Storekeeper ****	7	Per CBA
Bond Room Storekeeper, Lead ****	1	Per CBA
Warehouse Person	8	Per CBA
Warehouse Person, Lead (R&U Lead) ****	1	Per CBA
Stock Control Clerk ****	2	Per CBA
Supply Clerk ****	1	Per CBA
Clerk/Dispatcher ****	1	Per CBA
Senior Property Specialist ****	1	Per CBA
Property Technician ****	3	Per CBA
Property Clerk ****	2	Per CBA
Harris County, TX, Nonexempt/Union, CBA between Teamsters, Local 968 (Transportation) and BRSP *****		
Bobtail Driver *****	5	Per CBA
Helper *****	6	Per CBA
Crater & Flight Packer *****	4	Per CBA
Crater & Flight Packer, Lead *****	1	Per CBA
Flight Packing Specialist *****	1	Per CBA
Flight Packing Specialist, Lead *****	1	Per CBA
Tractor Trailer Driver *****	2	Per CBA
Driver, Lead *****	2	Per CBA

[illegible]

William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1994-2516
Revision No.: 16
Date Of Last Revision: 09/19/2000

State: Texas

Area: Texas Counties of Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Grimes, Harris, Houston, Jackson, Lavaca, Liberty, Madison, Matagorda, Montgomery, San Jacinto, Trinity, Walker, Waller, Washington, Wharton

****Fringe Benefits Required Follow the Occupational Listing****

OCCUPATION TITLE	MINIMUM WAGE RATE
Administrative Support and Clerical Occupations	
Accounting Clerk I	9.78
Accounting Clerk II	9.87
Accounting Clerk III	11.72
Accounting Clerk IV	14.35
Court Reporter	12.96
Dispatcher, Motor Vehicle	12.96
Document Preparation Clerk	10.60
Duplicating Machine Operator	10.60
Film/Tape Librarian	11.50
General Clerk I	7.80
General Clerk II	8.58
General Clerk III	11.54
General Clerk IV	12.04
Housing Referral Assistant	13.60
Key Entry Operator I	8.40
Key Entry Operator II	10.74
Messenger (Courier)	7.80
Order Clerk I	10.12
Order Clerk II	10.49
Personnel Assistant (Employment) I	9.83
Personnel Assistant (Employment) II	10.69
Personnel Assistant (Employment) III	13.60
Personnel Assistant (Employment) IV	14.53
Production Control Clerk	14.15
Rental Clerk	11.50
Scheduler, Maintenance	11.50
Secretary I	11.50
Secretary II	12.96
Secretary III	14.15
Secretary IV	17.14
Secretary V	21.17
Service Order Dispatcher	11.50
Stenographer I	10.23
Stenographer II	12.09
Supply Technician	17.14
Survey Worker (Interviewer)	12.96
Switchboard Operator-Receptionist	8.77

Test Examiner	12.96
Test Proctor	12.96
Travel Clerk I	9.71
Travel Clerk II	10.46
Travel Clerk III	11.21
Word Processor I	9.57
Word Processor II	11.76
Word Processor III	15.02
Automatic Data Processing Occupations	
Computer Data Librarian	10.89
Computer Operator I	10.07
Computer Operator II	12.21
Computer Operator III	13.87
Computer Operator IV	18.89
Computer Operator V	19.72
Computer Programmer I (1)	16.22
Computer Programmer II (1)	17.97
Computer Programmer III (1)	21.92
Computer Programmer IV (1)	22.73
Computer Systems Analyst I (1)	21.01
Computer Systems Analyst II (1)	26.01
Computer Systems Analyst III (1)	27.62
Peripheral Equipment Operator	10.89
Automotive Service Occupations	
Automotive Body Repairer, Fiberglass	17.43
Automotive Glass Installer	15.92
Automotive Worker	15.92
Electrician, Automotive	16.65
Mobile Equipment Servicer	14.40
Motor Equipment Metal Mechanic	17.43
Motor Equipment Metal Worker	15.92
Motor Vehicle Mechanic	16.99
Motor Vehicle Mechanic Helper	13.58
Motor Vehicle Upholstery Worker	15.11
Motor Vehicle Wrecker	15.92
Painter, Automotive	16.65
Radiator Repair Specialist	17.43
Tire Repairer	14.40
Transmission Repair Specialist	17.43
Food Preparation and Service Occupations	
Baker	8.14
Cook I	7.38
Cook II	8.14
Dishwasher	5.42
Food Service Worker	5.42
Meat Cutter	8.14
Waiter/Waitress	5.91
Furniture Maintenance and Repair Occupations	
Electrostatic Spray Painter	16.65
Furniture Handler	11.60
Furniture Refinisher	11.48
Furniture Refinisher Helper	13.58
Furniture Repairer, Minor	15.11
Upholsterer	16.65
General Services and Support Occupations	
Cleaner, Vehicles	5.42
Elevator Operator	5.42
Gardener	7.38

House Keeping Aid I	5.33
House Keeping Aid II	5.42
Janitor	5.42
Laborer, Grounds Maintenance	5.91
Maid or Houseman	5.33
Pest Controller	7.70
Refuse Collector	5.42
Tractor Operator	6.94
Window Cleaner	5.91
Health Occupations	
Dental Assistant	11.75
Emergency Medical Technician (EMT)/Paramedic/Ambulance Driver	11.75
Licensed Practical Nurse I	9.36
Licensed Practical Nurse II	10.51
Licensed Practical Nurse III	11.75
Medical Assistant	10.51
Medical Laboratory Technician	10.51
Medical Record Clerk	10.51
Medical Record Technician	14.56
Nursing Assistant I	6.01
Nursing Assistant II	8.33
Nursing Assistant III	9.00
Nursing Assistant IV	10.51
Pharmacy Technician	13.10
Phlebotomist	10.51
Registered Nurse I	14.56
Registered Nurse II	17.93
Registered Nurse II, Specialist	19.05
Registered Nurse III	22.55
Registered Nurse III, Anesthetist	22.55
Registered Nurse IV	25.83
Information and Arts Occupations	
Audiovisual Librarian	17.14
Exhibits Specialist I	17.60
Exhibits Specialist II	22.56
Exhibits Specialist III	26.40
Illustrator I	17.60
Illustrator II	22.56
Illustrator III	26.40
Librarian	21.17
Library Technician	12.96
Photographer I	13.93
Photographer II	17.60
Photographer III	22.56
Photographer IV	26.40
Photographer V	30.06
Laundry, Dry Cleaning, Pressing and Related Occupations	
Assembler	6.71
Counter Attendant	6.71
Dry Cleaner	8.65
Finisher, Flatwork, Machine	6.71
Presser, Hand	6.71
Presser, Machine, Drycleaning	6.71
Presser, Machine, Shirts	6.71
Presser, Machine, Wearing Apparel, Laundry	6.71
Sewing Machine Operator	9.13
Tailor	9.86
Washer, Machine	7.36

Machine Tool Operation and Repair Occupations

Machine-Tool Operator (Toolroom)	16.65
Tool and Die Maker	19.20

Material Handling and Packing Occupations

Forklift Operator	12.23
Fuel Distribution System Operator	14.40
Material Coordinator	15.11
Material Expediter	15.11
Material Handling Laborer	10.19
Order Filler	10.40
Production Line Worker (Food Processing)	12.23
Shipping Packer	12.08
Shipping/Receiving Clerk	10.51
Stock Clerk (Shelf Stocker; Store Worker II)	9.82
Store Worker I	9.51
Tools and Parts Attendant	13.58
Warehouse Specialist	10.64

Mechanics and Maintenance and Repair Occupations

Aircraft Mechanic	17.43
Aircraft Mechanic Helper	13.58
Aircraft Quality Control Inspector	18.20
Aircraft Servicer	15.11
Aircraft Worker	15.92
Appliance Mechanic	16.65
Bicycle Repairer	13.91
Cable Splicer	17.43
Carpenter, Maintenance	16.65
Carpet Layer	15.92
Electrician, Maintenance	18.70
Electronics Technician, Maintenance I	13.23
Electronics Technician, Maintenance II	18.84
Electronics Technician, Maintenance III	22.11
Fabric Worker	15.11
Fire Alarm System Mechanic	17.43
Fire Extinguisher Repairer	14.40
Fuel Distribution System Mechanic	17.43
General Maintenance Worker	15.46
Heating, Refrigeration and Air Conditioning Mechanic	17.43
Heavy Equipment Mechanic	17.43
Heavy Equipment Operator	17.43
Instrument Mechanic	17.43
Laborer	6.34
Locksmith	16.65
Machinery Maintenance Mechanic	18.42
Machinist, Maintenance	20.16
Maintenance Trades Helper	13.58
Millwright	17.43
Office Appliance Repairer	16.65
Painter, Aircraft	16.65
Painter, Maintenance	16.65
Pipefitter, Maintenance	18.64
Plumber, Maintenance	16.65
Pneudraulic Systems Mechanic	17.43
Rigger	17.43
Scale Mechanic	15.92
Sheet-Metal Worker, Maintenance	17.43
Small Engine Mechanic	15.92
Telecommunication Mechanic I	17.43

Telecommunication Mechanic II	18.20
Telephone Lineman	17.43
Welder, Combination, Maintenance	17.43
Well Driller	17.43
Woodcraft Worker	17.43
Woodworker	8.49
Miscellaneous Occupations	
Animal Caretaker	6.40
Carnival Equipment Operator	6.94
Carnival Equipment Repairer	7.38
Carnival Worker	5.42
Cashier	7.89
Desk Clerk	9.68
Embalmer	17.81
Lifeguard	8.62
Mortician	17.81
Park Attendant (Aide)	10.82
Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	8.62
Recreation Specialist	13.40
Recycling Worker	7.99
Sales Clerk	8.62
School Crossing Guard (Crosswalk Attendant)	5.42
Sport Official	8.62
Survey Party Chief (Chief of Party)	16.22
Surveying Aide	9.65
Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	12.20
Swimming Pool Operator	9.36
Vending Machine Attendant	7.79
Vending Machine Repairer	9.36
Vending Machine Repairer Helper	7.99
Personal Needs Occupations	
Child Care Attendant	9.68
Child Care Center Clerk	12.06
Chore Aid	5.33
Homemaker	13.40
Plant and System Operation Occupations	
Boiler Tender	17.43
Sewage Plant Operator	16.65
Stationary Engineer	17.43
Ventilation Equipment Tender	13.58
Water Treatment Plant Operator	16.65
Protective Service Occupations	
Alarm Monitor	12.43
Corrections Officer	13.53
Court Security Officer	13.55
Detention Officer	13.53
Firefighter	14.23
Guard I	7.40
Guard II	14.54
Police Officer	15.58
Stevedoring/Longshoremen Occupations	
Blocker and Bracer	12.47
Hatch Tender	12.47
Line Handler	12.47
Stevedore I	11.85
Stevedore II	13.05
Technical Occupations	
Air Traffic Control Specialist, Center (2)	28.02

Air Traffic Control Specialist, Station (2)	19.32
Air Traffic Control Specialist, Terminal (2)	21.28
Archeological Technician I	16.29
Archeological Technician II	18.24
Archeological Technician III	22.56
Cartographic Technician	22.56
Civil Engineering Technician	22.56
Computer Based Training (CBT) Specialist/ Instructor	21.01
Drafter I	12.94
Drafter II	13.35
Drafter III	17.60
Drafter IV	22.56
Engineering Technician I	11.70
Engineering Technician II	14.54
Engineering Technician III	16.92
Engineering Technician IV	21.48
Engineering Technician V	28.05
Engineering Technician VI	31.88
Environmental Technician	22.51
Flight Simulator/Instructor (Pilot)	26.01
Graphic Artist	21.01
Instructor	16.39
Laboratory Technician	12.06
Mathematical Technician	22.51
Paralegal/Legal Assistant I	13.60
Paralegal/Legal Assistant II	16.34
Paralegal/Legal Assistant III	20.34
Paralegal/Legal Assistant IV	21.17
Photooptics Technician	22.51
Technical Writer	19.83
Unexploded (UXO) Safety Escort	17.81
Unexploded (UXO) Sweep Personnel	17.81
Unexploded Ordnance (UXO) Technician I	17.81
Unexploded Ordnance (UXO) Technician II	21.55
Unexploded Ordnance (UXO) Technician III	25.83
Weather Observer, Combined Upper Air and Surface Programs (3)	13.77
Weather Observer, Senior (3)	16.70
Weather Observer, Upper Air	13.77
Transportation/ Mobile Equipment Operation Occupations	
Bus Driver	12.09
Parking and Lot Attendant	7.36
Shuttle Bus Driver	8.44
Taxi Driver	8.01
Truckdriver, Heavy Truck	12.33
Truckdriver, Light Truck	9.41
Truckdriver, Medium Truck	12.09
Truckdriver, Tractor-Trailer	13.77

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$2.56 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as numbered):

1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4.156)

2) APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

3) WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard including working with or in close proximity to explosives and incendiary materials involved in research, testing, manufacturing, inspection, renovation, maintenance, and disposal. Such as: Screening, blending, drying, mixing, and pressing of sensitive explosives pyrotechnic compositions such as lead azide, black powder and photoflash power. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive explosives and incendiary materials. All operations involving regarding and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard. Including working with or in close proximity to explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation and, possibly adjacent employees, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of explosive and incendiary ordnance material other than small arms ammunition. (Distribution of raw nitroglycerine is covered under high degree hazard.)

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** NOTES APPLYING TO THIS WAGE DETERMINATION ****

Source of Occupational Title and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by the Third Supplement, dated March 1997, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE (Standard Form 1444 (SF 1444))

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. (See Section 4.6 (C)(vi)) When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

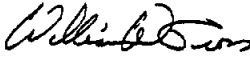
The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper. When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1991-0124
Revision No.: 8
Date of Last Revision: 05/23/2000

This wage determination applies at the address(es) below:

Johnson Space Center, Harris County, TX

Employed on NASA contract for plant maintenance and operations support services.

Collective Bargaining Agreement between BRSP and International Association of Machinists, Aerospace Workers, District No. 37, AFL-CIO, Local Lodge No. 1786 effective October 1, 1998 through September 30, 2001.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

ECONOMIC TERMS OF
COLLECTIVE BARGAINING AGREEMENT (CBA)
BETWEEN
BRSP
AND
IAM&AW, LOCAL 1786, DISTRICT 37

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The following pages are taken from the above referenced CBA to assist contractors in proposal preparation. The pages pertain to a sampling of the economic terms (wages and fringe benefits) of the agreement. It is the contractors' responsibility to review the CBA in its entirety to ensure that the proper wages and benefits are proposed. Failure by this Agency to include any job classification, wage rate, or fringe benefit encompassed in the CBA does not relieve the terms of the CBA insofar as wages and fringe benefits are concerned. A copy of the CBA is available in the JSC Scientific and Technical Information Center.

**AGREEMENT
BETWEEN
BRSP, A JOINT VENTURE**

AND

**INTERNATIONAL ASSOCIATION OF MACHINISTS
AND
AEROSPACE WORKERS
DISTRICT NO. 37, AFL-CIO
LOCAL LODGE NO. 1786**

OCTOBER 1, 1998 THROUGH SEPTEMBER 30, 2001

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ARTICLE II RECOGNITION

2.1 Pursuant to NLRB certification in Case No. 23-RC-23 57, dated the 26th of April 1965, the Company recognizes the Union as the sole and exclusive collective bargaining agency for all employees engaged in special purpose equipment maintenance work which is work required to maintain, modify and install laboratory and shop equipment at NASA/JSC and whose classifications are listed in Exhibit A, excluding all professional, executive and office clerical employees, guards, watchmen, and supervisors as defined in the Act.

2.2 The scope of this Agreement covers all work as defined above under the Company's Base Operations Support Services Contract with NASA/JSC. This Agreement does not cover or include general purpose plant maintenance work which is work required to maintain facilities utility systems and plants.

ARTICLE XIII
LEAD MECHANIC/TECHNICIAN

13.1 Definition of Lead Mechanic/Technician: A Lead Mechanic/Technician is anyone who is employed to direct work of others, but who does not have the authority to hire and fire. He/She is charged with the responsibility of leading, directing and/or approving and signing for the work within his/her group. The Lead Mechanic/Technician shall perform work with tools to the extent consistent with his/her assigned supervisory duties.

13.2 The Company will use Lead Mechanics/Technicians only in those shops and locations and for such time periods as the Company deems appropriate and necessary.

13.3 Leadman assignments will be made as follows:

13.3.1 Temporary Lead Mechanics/Technicians assignments of 6 months or less will be awarded orally within the work unit and shift requiring the position in accordance with Article 9.4, first paragraph of the Agreement.

13.3.2 Permanent Lead Mechanics/Technicians assignments will be awarded in writing within 6 months or less of any vacancy being created.

ARTICLE XIV
HOURS OF WORK, WORK DAY, WORK WEEK

14.1 Subject to other provisions of this Agreement, employees will perform their work at such times as directed by the Company to meet the requirements of NASA/JSC. The work shift will be posted on the bulletin board so that every employee will know his/her regular assigned work shift.

14.2 Eight (8) consecutive hours (exclusive of one-half (1/2) hour unpaid lunch period) (except for graveyard shift employees) shall constitute the standard days work.

14.3 The standard work day shall be a twenty-four (24) hour period commencing with the starting time of an employee's work shift.

14.4 The work week shall commence at 12:01 a.m. on Monday and extend until 12:00 midnight the following Sunday.

14.5 Five (5) days, Monday through Friday, shall constitute the standard work week.

14.5.1 The scheduled daily hours of work are and will continue on a shift basis as follows, unless changed in accordance with Section 14.5.2, 14.5.3 and/or 14.7 hereof: Starting at 7:30 a.m. and ending at 4:00 p.m. with a thirty (30) minute unpaid lunch period in the middle of the day.

14.5.2 In the event the work is performed on a multiple shift basis, scheduled hours of work will be established to meet the request of NASA. The shift starting closest to 8:00 a.m., is considered to be Day Shift, and the next shift shall be the Swing Shift and the remaining shift shall be the Graveyard Shift.

14.5.3 The Company may move the starting or stopping time of regular shifts by as much as one and half (1-1/2) hours as necessary to meet the work needs. However, the regular shift will not commence before 6:00 a.m. or later than 9:00 a.m. The starting and stopping time of regular shifts shall prevail within such range unless otherwise directed by the Company to meet the directed requirements of NASA.

14.6 In the event more than one shift is established, shift differential will be paid in addition to the regular rate of pay in the following amounts per hour on the effective date indicated:

EFFECTIVE OCTOBER 1, 1983

(a)	Swing Shift	.48
(b)	Graveyard Shift	.60
(c)	Two Twelve Hour Shifts	.53

14.7 The Company may establish temporary shifts of longer duration than those specified above up to twelve (12) hours duration.

14.8 In case of a change in the regular shift, assignment of an employee without forty-eight (48) hours notice, the employee shall receive a premium of one and one-half (1-1/2) times his/her regular rate (except that if a higher premium multiplier would be applicable under another section of this Agreement he/she will be paid at the higher premium multiplier) for the first eight (8) hours worked on the new shift to which he/she has been assigned. (This clause has no application to extra or irregular work assignments performed on a temporary overtime or emergency basis, or in cases where temporary shifts are assigned for a given period of time, the 48 hour notice to return to the regular shift will not apply if the need for the temporary shift ends due to circumstances beyond the control of the Company).

14.9 The lunch period on each shift shall be substantially in the middle of the shift, at a time designated by the Company in accordance with the requirements of the work and the practices of NASA/JSC.

ARTICLE XVII
HOLIDAYS

17.1 The Company agrees to pay all employees on the Company's active payroll at their regular rate of pay for eight (8) hours on each of the ten (10) holidays per year. The holidays to be recognized shall be treated as hours worked for the purpose of computing overtime. The parties understood that under the existing NASA/JSC policy, the following ten (10) holidays are observed: (1) New Year's Day (2) Martin Luther King's Day (3) Washington's Birthday (4) Memorial Day (5) Independence Day (6) Labor Day (7) Columbus Day (8) Veteran's Day (9) Thanksgiving Day (10) Christmas Day. If the number of paid holidays or other special days by way of Executive Order or observed by NASA/JSC under existing policy are increased in number, such additional day(s) shall be recognized and paid for in accordance with this Agreement.

17.2 An employee shall not be eligible for holiday pay without working if he/she fails to work both (1) his/her last regular shift prior to, and (2) his/her first regular shift after, such holiday, except under the following conditions:

17.2.1 If excused by the Company. If an absence excused before the holiday, the employee's immediate supervisor will approve the absence in writing.

17.2.2 A non industrial bona fide illness or accident while on the Company's active payroll (and in case of doubt the matter will be decided by consultation between the employee's doctor and the Company's doctor).

17.2.3 Bona fide illness or accident (and in case of doubt the matter will be decided by consultation between the employee's doctor and the Company's doctor).

17.2.4 Absence in accordance with Article XXII Jury Duty.

17.2.5 Absence because of death in immediate family as set forth in Article XXIII Funeral Leave.

17.2.6 If an industrial accident occurs on the day before or day after a holiday, resulting in the employee being absent on either or both of such days, he/she shall nevertheless be paid for that holiday.

17.2.7 If an employee is scheduled to work on a holiday, but fails to work he/she shall not be paid for the holiday.

17.3 In the event a holiday falls within a scheduled vacation, as distinguished from falling at the commencement or termination of a scheduled vacation, the Company will arrange for a substitute holiday for the employee, at the end of his/her vacation unless the requirements of the work prevent, and in that event it will be given at some time mutually convenient to the employee and the Company.

17.4 Except for vacations as provided in Section 17.3 above, if an employee should be entitled to pay for the time worked on more than one basis (as, for example, being on jury duty on a recognized holiday) the employee shall be entitled to pay for that time not worked on one basis but not on more than one basis.

17.5 When a holiday falls on a Saturday, the preceding Friday will be observed as the holiday; when a holiday falls on a Sunday, the following Monday will be observed as the holiday.

ARTICLE XVIII
VACATION

18.1 Vacations shall be scheduled by the Company with primary consideration to the requirements of the work and secondary consideration to the preference of the employees. Preference of the employees will be expressed in the following manner:

18.1.1 Employee's having the greatest seniority will be given first choice in requesting the time of their vacation when two employee's make the request on the same day for the same days off.

18.1.2 Any vacation time must be approved by the company prior to the vacation period being taken. One week vacation periods are desirable. However, employees may take vacation in less than one (1) week increments, but in no event will vacations be granted in less than four (4) hour increments.

18.1.3 If an employee desires to reschedule his/her vacation, such an employee may not exercise his/her seniority rights with respect to any other employee who has already designated his/her vacation preference.

18.1.4 Notwithstanding the above, a shutdown of no more than five work days between the Christmas and New Years holidays may be designated by the Company. If so designated, the Company will establish the minimum work force required and give preference to be off to employees having the greatest seniority. If insufficient volunteers are received, employees will be scheduled off in reverse order of seniority. In either case the employees may elect to take the five days off as part of their paid vacation accrual or as excused absence without pay.

18.2 If the Company is unable to schedule a vacation within twelve (12) months after eligibility, the period within which it may be taken shall be extended as required to permit the vacation to be taken.

18.3 Employees will accrue vacation as follows:

18.3.1 If in the employ of the Company for less than one year, one workday for each month of service up to a maximum of 10 workdays.

18.3.2 If in the employ of the Company for one year, but less than five years, 10/12^{ths} of one workday for each month of service each year.

18.3.3 If in the employ of the Company for five (5) years, but less than 13 years, 15/12^{ths} of one workday for each month of service each year.

18.3.4 If in the employ of the Company for 13 years or more, 20/12^{ths} of one workday for each month of service each year.

18.4 New hires employed on or before the 15th of the month will accrue vacation for the month, if hired after the 15th, the accrual will begin the following month. Employees will not accrue vacation for the final month of employment unless the separation date is after the 15th of the month.

18.5 Beginning each October 1st and each October 1st thereafter, employees are eligible to liquidate vacation accrued in the previous contract year provided they have completed at least one year's continuous service.

18.6 Between completion of 12 months of service and the October 1st immediately following, an employee will liquidate all vacation accrued in the previous contract year. However, should this accrual amount to four workdays or less, the accrued may be carried over for liquidation in the following vacation year.

18.7 Vacations will be extended one workday for each holiday falling within the vacation period.

18.8 The pay for each week of vacation shall be forty (40) times the employee's regular hourly rate of pay at the time the vacation is taken. An employee will be given vacation pay prior to taking his/her vacation provided he/she makes a request therefor in writing at least two (2) weeks in advance of the date scheduled for the commencement of his/her vacation.

18.9 Vacations are intended for rest and recreation, and must be taken by the employee to be paid. Upon termination, layoff, or death, an employee with six (6) months or more of continuous employment shall be paid for his/her accrued vacation, including any pro-rata portion of a vacation.

18.9.1 Any employee passing an anniversary seniority date which would entitle him/her to additional vacation eligibility may take that additional prorated portion of vacation between his/her anniversary date and the following October 1 vacation year. Employees may elect to carry forward such time to their next vacation year.

ARTICLE XIX
SICK LEAVE

19.1 Sick leave is provided by the Company in the event that an employee is, through illness or injury, unable to report to work and/or perform his/her work. This provision shall apply to absence due to illness or recuperation from non-industrial injuries not covered by Workman's Compensation. The pay compensations provided herein are intended only to provide wage continuation, within the limits provided, during such absences.

19.2 Effective October 1, 1993, employees will accrue sick leave at the rate of eight (8) hours for each month of service. Sick leave accrual for any one employee shall not exceed eight hundred (800) hours.

19.3 A month of service, for the purpose of this section, shall be defined as actual time on the active payroll no less than the first day through the 16th day of any calendar month or the 15th day through the last day of any calendar month.

19.4 A claim for sick pay must be made by the employee to his/her supervisor. If requested, the employee must supply a statement from a Doctor verifying that the absence was due to illness or injury. Such payments are to be computed at the straight time hourly rate the employee was receiving on the day or days of the absence. Employees on a letter of restriction for poor attendance will not be paid for the first day of an illness unless they are hospitalized. A letter of restriction for poor attendance will not exceed six months in duration unless the employee's attendance remains unacceptable.

19.5 If an employee is laid off, all unused sick pay hours accrued by him/her up to the time of his/her layoff will be credited to him/her on the date of recall from layoff. After two (2) years from time of layoff such employee will forfeit credited sick leave.

In the event an employee is laid-off in a reduction in force expected to last ninety (90) days or more, the employee will be eligible to be paid for one-half (1/2) of the employee's accrued unused sick leave pay hours up to a maximum of two hundred (200) hours. Sick leave paid off will not be credited to the employee's account should the employee be recalled. However, should the reduction in force result from work going to a successor contractor, any employee hired by the successor contractor will be ineligible to receive sick leave pay as established herein, if the contractor assumes the employee's accrued sick leave bank.

19.6 To be eligible for sick leave, the employee must notify the Company of his/her inability to report for duty, due to illness or injury, during the first one (1) hour of elapsed time on his/her regularly scheduled work shift.

19.7 Effective October 1, 1984, employees who have accumulated an unused credit of ten (10) days of sick leave during the preceding twelve month period from October 1, through September 30 of each year, will be allowed one (1) day off with pay, to be scheduled during the following twelve month period. Scheduling of these days are subject to reasonable operational limitations. The above days off will not be deducted from accrued sick leave.

19.8 Any employee covered under this bargaining agreement may give unused paid sick leave hours from his/her sick pay account on the following terms:

1) The employee donating sick leave from his/her sick pay account, must have at least four hundred (400) hours of unused sick pay in his/her sick pay account at the time of the donation.

2) No employee may donate more than 40 sick pay hours per year to other employees.

3) The employee that will receive the donation must have had a minimum of four hundred (400) hours of unused sick pay in his/her account when the employee began to deplete his/her account.

The depletion of the employee's account must have been in a continuous duration without return to work. Time lost that is due to a major debilitating disease or accident which allowed the employee to return to work for short periods of time may be exempt from the continuous duration requirement at the Company's option.

4) The donation of sick leave will not take place until the receiving employee has exhausted all paid sick leave and all vacation in his/her sick pay and vacation accounts.

5) Donated paid sick leave must be liquidated in full workday increments.

6) The Company will select which donor employee's sick leave will be used first when there are multiple donors.

19.9 At the time that an employee retires, if the employee is age 62 years or older, the employee will be paid for all accrued unused sick leave pay hours as follows:

All unused sick pay hours times one-half, times the employee's base rate in force on the date of retirement. For example: a sixty two (62) or older Mechanic/Technician retiring with eight hundred (800) hours of accrued unpaid sick pay, would be paid $800 \times 1/2 \times$ Mechanic/Technician's rate upon separation.

ARTICLE XX
PENSION PLAN

20.1 The Company agrees to make contributions, in accordance with ERISA regulations, into the Company's 401K Retirement Savings Plan for each employee covered by this Collective Bargaining Agreement, as follows:

20.1.1 Effective October 1, 1998, the Company contributions shall be equal to seven percent (7%) of the straight time rate for all pay hours.

20.1.2 Contributions for a new employee will be made upon him/her having completed six (6) continuous months of service. Payment will be made retroactive to his/her last in-hire date with the Company. (If this is inconsistent with IRS or other Federal regulations, the following will apply in lieu thereof: Contributions for a new employee are payable from the first day following forty-five (45) actual days worked from the date of hire.)

20.1.3 For purposes of this Article, each hour paid for, as well as hours of paid vacation, hours of paid holidays, and other hours for which pay is received by the employee, in accordance with this Collective Bargaining Agreement, shall be counted as hours for which contributions are payable.

20.1.4 Effective October 1, 1998, the maximum amount of an employee's elective tax deferred contributions into the Company's 401K Retirement Savings Plan will be the maximum allowed by the applicable Federal laws and regulations governing such plans.

ARTICLE XXI
GROUP INSURANCE

21.1 Effective 1 November 1998 the Company and the Union have agreed to replace the current group insurance plan with the National IAM Benefit Trust Fund Medical, Life, Short Term Disability, Dental and Vision benefits. (See Exhibit "M")

21.2 Effective 1 November 1999, if these insurance benefits premiums increase more than 10% per year, the employees will pay 10% of such increase (See Exhibit "M").

21.3 For employees on a Medical Leave of Absence, the Company will continue to pay it's share of the costs of the group insurance plan until the last day of the third month following the month during which the Leave of Absence was granted.

21.4 Effective October 1, 1998 all insurance premiums, coverages etc. will remain in effect. Effective 1 November 1998 the National IAM Benefit Trust Fund Medical - Co-Pay Plan, Life - \$50,000.00 coverage, Short Term Disability, Dental - Plan C and Vision - Plan IV will be in force and provided to the employees represented by this Agreement will continue in full effect. The Company will assume one hundred percent (100%) of the premium cost of these coverages for these employees and their dependents subject to Article 21.2. The Company will manage an account to assure adequate funding.

21.5 Employee coverage, while on Medical Leave of Absence, will be consistent with the provisions of the Family Leave Act.

ARTICLE XXII
JURY DUTY

22.1. Employees who are required to report for or perform jury service or service as a witness under any court subpoena, or on any day during which they are scheduled to work shall be paid for their scheduled hours at their straight time rate of pay and shall not be required to report to work that day provided the Company is given advance notice that the employee has been called for such service. Such payment may be limited to twenty (20) days in any calendar year; satisfactory proof of such service must be given to the Company before this section shall apply.

However, employees who are subpoenaed as witnesses against the Company in such legal action will be, at the Company's option, compensated for their lost time.

Any employee who is a party to legal action against the Company will not be compensated for lost time under this Article.

ARTICLE XXIII
FUNERAL LEAVE

23.1 An employee shall be granted up to three (3) days leave with pay at his/her regular base rate for absences in conjunction with a funeral due to a death in his/her immediate family provided the employee attends the funeral. In addition, the Company will allow two (2) additional days for attendance of a funeral which is over seven hundred (700) miles round trip from JSC.

For the purpose of this provision, immediate family shall mean an employee's spouse and the brother and sister of the spouse; an employee's children, brother, sister, parents, grandparents, mother-in-law, and father-in-law. Saturdays, Sundays and Holidays will be excluded for the purpose of this provision.

EXHIBIT "A"
WAGE RATES

	<u>Effective</u>	<u>Effective</u>	<u>Effective</u>
	10/1/98	10/1/99	10/1/00
LEAD MECHANIC/TECHNICIAN:	\$20.92	\$21.60	\$22.30
MECHANIC/TECHNICIAN:	\$20.15	\$20.81	\$21.49
LEAD TOOLROOM ATTENDANT:	\$15.00	\$15.49	\$15.99
TOOLROOM ATTENDANT:	\$14.50	\$14.97	\$15.46
LABORER:	\$11.04	\$11.40	\$11.77

EXHIBIT "A" (Continued)
CLASSIFICATIONS INCLUDED IN THIS AGREEMENT

Mechanical/Technical Classifications:

Cryo/Vac Mechanic*
Refrigeration Mechanic
Photo Equipment Mechanic
Reproduction Equipment Mechanic
Electronic Technician
Graphic Equipment Technician
Instrumentation Technician
Machine Tool Repairman/Hydraulics
Welder/Systems Mechanic**
Machinist
Cooling Tower/Systems Mechanic
Crane Maintenance/Systems Mechanic
Boiler/System Mechanic
PM/Quill/Systems Mechanic
Sewing Machine/Systems Mechanic
Engine/Generator Mechanic
Equipment Fueler
Electrician

Toolroom Attendant

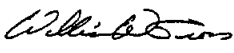
Laborer

* Must have current appropriate Texas drivers license (CDL) necessary to operate required vehicle

** Must be currently certified or immediately certifiable in the type of welding required by the Company

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210


William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1999-0135
Revision No.: 1
Date of Last Revision: 05/24/2000

State: Texas

Area: Texas County of Harris

Employed on NASA contract (s) for base operations support services.

Collective Bargaining Agreement between BRSP and International Union of Operating Engineers, Local No. 347, AFL-CIO effective September 1, 1998 through August 31, 2001.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

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ECONOMIC TERMS OF
COLLECTIVE BARGAINING AGREEMENT (CBA)
BETWEEN
BRSP
AND
IUOE, LOCAL 347

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The following pages are taken from the above referenced CBA to assist contractors in proposal preparation. The pages pertain to a sampling of the economic terms (wages and fringe benefits) of the agreement. It is the contractors' responsibility to review the CBA in its entirety to ensure that the proper wages and benefits are proposed. Failure by this Agency to include any job classification, wage rate, or fringe benefit encompassed in the CBA does not relieve the terms of the CBA insofar as wages and fringe benefits are concerned. A copy of the CBA is available in the JSC Scientific and Technical Information Center.

AGREEMENT
BETWEEN
BRSP, A JOINT VENTURE

AND

INTERNATIONAL UNION OF OPERATING
ENGINEERS

LOCAL NO. 347

AFL - CIO

SEPTEMBER 1, 1998 THROUGH AUGUST 31, 2001

ARTICLE 2

RECOGNITION

2.1 Pursuant to NLRB Certification in Case No. 23-RD-350, the Company recognizes the Union as the sole and exclusive collective bargaining agency for all employees engaged in the operations and operative maintenance of the utility systems as covered in a contract between the Company and the National Aeronautics and Space Administration, Johnson Space Center (NASA/JSC) and the Sonny Carter Training Facility, Houston, Texas, whose classifications are in Exhibit "B" excluding all professional, executive, and office clerical employees, guards, watchmen and supervisors as defined in the act.

2.2 In addition, pursuant to certification in Case No. 23-4548, the Company recognizes the Union as the sole and exclusive collective bargaining agency for all Utility Control Systems Operator/Dispatchers, Utility Coordinators, and Communications Operators employed by the Company in its Utility Control Systems computer section at the NASA Johnson Space Center and the Sonny Carter Training Facility, Houston, Texas, whose classifications are listed in Exhibit "C", excluding all other employees, including the System Specialist, Electronics and Senior Systems Analyst, Clerical employees, Guards, Watchmen and Supervisors as defined in the act.

2.3 The Articles pertaining to both units referred to in 2.1 and 2.2 above are contained in Part B of this Agreement. The Articles pertaining solely to the unit referred to in 2.1 above are contained in Part C. The Articles pertaining solely to the unit referred to in 2.2 above are contained in Part D.

2.4 The scope of this Agreement covers work assigned by NASA/JSC to the Company and performed by the employees of the Company covered by this Agreement within the plant limits of the Johnson Space Center and the Sonny Carter Training Facility located in Harris County, Texas.

ARTICLE 23

OVERTIME

23.1 Premium pay at the rate of one and one half (1-1/2) times the employees regular hourly rate of pay shall be paid:

- (a) For all hours worked in excess of eight (8) hours in any work day.
- (b) For all hours worked in excess of forty (40) hours in any one week.
- (c) For all hours worked outside the employee's regularly scheduled shift.
- (d) For all hours worked continuous with and in excess of eight (8).

23.2 Premium pay at the rate of twice (2 times) the employee's regular hourly rate of pay shall be paid:

- (a) For all hours worked on the employee's second scheduled day off in a work week.
- (b) For all hours worked on an employee's single scheduled day of rest when the employee is scheduled six (6) days within a work week.

23.3 When an employee is required to work more than two (2) hours of unscheduled overtime beyond his regularly scheduled shift the Company will arrange either to have him/her receive one (1) hot meal or give him/her \$6.50 in lieu of the meal. This provision will be repeated after each four (4) hours of overtime thereafter. In addition any employee called to work with less than two (2) hours notice shall be provided an overtime allowance of \$6.50 two hours after reporting and each four (4) hours thereafter so long as he/she continues to work including hours during an employee's regular shift.

23.4 The work week for rotating shift employees shall begin 7:00 a.m. Sunday. The work for all others shall begin 7:00 am. Monday.

ARTICLE 24

HOLIDAYS

24.1 The following ten (10) days shall constitute the local holidays within the terms of this Agreement, except mutually agreed to changes with the parties.

New Year's Day (January 1st)
Martin Luther Kings' Day
Washington's Birthday
Memorial Day
Independence Day (July 4th)
Labor Day
Columbus' Day
Veteran's Day (November 11th)
Thanksgiving Day
Christmas Day (December 25th)

24.2 Holidays for rotating shift employees shall be observed on the actual.

24.3 For straight day employees, holidays falling on Sunday will be observed on the following Monday and those falling on Saturday will be observed on the preceding Friday.

24.4 The Company agrees to pay employees at their regular rate of pay for eight (8) hours on each of the ten (10) holidays per year. The eight (8) hours paid for a holiday shall be treated as hours worked for the purpose of computing overtime. The ten (10) holidays to be recognized shall be the holidays as observed by NASA/JSC. If the number of paid holidays observed by NASA/JSC under existing policy are increased in number, such additional holiday or holidays shall be recognized and paid for in accordance with this agreement.

24.5 Hours worked on a holiday will be compensated at the rate of one and one half (1-1/2) times the employee's regular hourly rate of pay for the regularly scheduled hours of work. All hours worked out of schedule will be compensated at the rate of two and one half (2-1/2) times the employee's regular hourly rate of pay.

24.6 An employees shall not be eligible for holiday pay without working if he/she fails to work both (1) his/her last regular shift prior to, and (2) his/her regular shift after such holiday; except under the following conditions:

24.6.1 If excused by the Company. If an absence is excused before the holiday, the employee's immediate Supervisor will approve the absence in writing.

24.6.2 If laid off on the work day preceding or following the holiday;

24.6.3 Bonafide illness or accident (and in case of doubt the matter will be decided by consultation between the employee's doctor and the company's doctor);

24.6.4 Absence in accordance with Article 28 Jury Duty;

24.6.5 Absence because of death in immediate family as set forth in Article 29 Funeral Leave,

24.6.6 If an industrial accident occurs on the day of, or the day after a holiday, resulting in the employee being absent on part of that day he/she shall nevertheless be paid for the holiday.

24.7 The employee shall be entitled to pay for that time not worked on one basis but not on more than one basis, for example, being on jury duty on a recognized holiday.

24.8 An employee who is instructed to work his regularly scheduled hours on a holiday, but who fails to report and does not have an acceptable excuse, will receive no pay for the holiday; it being agreed that this provision does not apply to an employee requested to work on a call-in. Disputes as to whether an excuse is acceptable shall be subject to the grievance and arbitration provisions of this Agreement.

ARTICLE 25

VACATION

25.1 Employees will accrue vacation as follows:

25.1.1 If in the employ of the Company for less than one year, 10/12ths of one workday for each month of service.

25.1.2 If in the employ of the Company for one year, but less than five years, 10/12ths of one workday for each month of service each year.

25.1.3 If in the employ of the Company for five years, but less than 13 years, 15/12ths of one workday for each month of service each year.

25.1.4 If in the employ of the Company for 13 years or more, 20/12ths of one workday for each month of service each year.

25.2 For purposes of determining eligibility for vacation accrual seniority as defined in 35.1 and 44.1 will apply.

25.3 If an employee resigns or is laid off because of a reduction of force or is on a ninety (90) day or more leave of absence, he/she shall be paid for any unused accrued vacation.

25.4 Employee accrue vacation time during the period they are on pay status, including sick or military leave.

25.5 The pay for each week of vacation shall be forty (40) times the employee's hourly rate of pay at the time the vacation is taken.

25.5.1 A vacation pay advance will be given if a request for pay is received two (2) weeks in advance of the date scheduled for the commencement of the vacation.

25.5.2 A rotating shift employee may, if he/she wishes, arrange for two additional days off without pay for each five (5) days vacation so long as the additional time off is in conjunction with the vacation.

25.6 New hired employee on or before the 15th of the month will accrue vacation for the month, if hired after the 15th, the accrual will began the following month.

25.6.1 Employees will not accrue vacation for the final month of employment unless the separation date is after the 15th of the month.

25.7 VACATION PERIOD: Vacation for which an employee is eligible as of any October shall be taken prior to the following September 30.

25.7.1 Vacation started during the vacation period shall be considered as taken, if it does not affect the seniority rights of another employee for the following year.

25.7.2 Vacation shall be taken and not be carried over to the following period.

25.8 VACATION SCHEDULE: The company shall post a vacation schedule on the bulletin board on September 1st of each year, the schedule will remain posted through September 30th of each year.

25.8.1 Employees shall schedule vacation during the month of September prior to the start of the vacation period.

25.8.2 Vacation shall be scheduled by seniority by shift. Employees having the greatest seniority will be giving first choice in requesting the time of vacation.

25.8.2.1 If more employees request a vacation date than can be permitted off at one time, the senior employee's choice will be given preference except for the second week of a split vacation.

25.8.2.2 If an employee desires to reschedule his vacation, such an employee may not exercise his seniority right with respect to any other employee who has already designated his vacation preference.

25.8.2.3 If an employee is moved from one shift to another at the request of the Company, he/she will be allowed to carry his/her vacation assignment, or he/she may pick his/her vacation from the open periods on the shift to which moved.

25.9 SCHEDULED VACATION: Vacation taken in weekly periods.

25.9.1 No more than one Operator at a time may schedule vacation for a given period.

25.9.2 Vacations may be extended one work day for each observed holiday falling within the vacation period, at the option of the employee.

25.9.3 Relief Operators, if qualified, will be normally used to replace employees on vacation.

25.10 UNSCHEDULED VACATION: "BANK DAYS" - Employees may set aside vacation days for use on a daily basis or in more than one day increments as follows:

- a. Employees with ten (10) years or more service may set aside ten (10) "bank days"
- b. Employees with less than ten (10) years service may set aside five (5) "bank days"

25.10.1 Vacation request for "bank days" may not be made prior to 0700, ten(10) days prior to the requested vacation.

25.10.1.1 If more than one request is made for "bank days" within the allowed ten (10) days period by Operators on the same shift, the Operator who turned in the request first will have his request considered first in accordance with other provisions of this article (Note: The supervisor will date and time each request and return a copy to the employee immediately upon receipt.)

25.10.2 Vacation request for "bank days" may be made two (2) days prior to the requested vacation, provided no employee on that shift is on vacation.

25.10.3 It will be permissible for one (1) person per shift to take one or more bank vacation days. A second person may also take a vacation bank day(s) if overtime is not required.

25.10.4 No more than three (3) "bank days" may overlap the scheduled vacation of another Operator.

25.10.5 Except for emergencies, "bank day" vacations are not to be approved if the company determines that overtime will result, or that the anticipated shift operations work load (mission support operations, special outage support, etc.) requires the Operators to be present. Emergencies must be documented by employees upon return to work.

25.11 The company and the union agree that jobs must be filled by fully qualified employees during flights and critical periods. During those periods of time scheduled vacation may be suspended. Any employee whose scheduled vacation is so suspended may reschedule same at a time of the employee's choice.

ARTICLE 26

GROUP INSURANCE

The Group Health, Life, and Weekly Income Insurance Plans presently in force and available to employees represented by this Agreement will continue in full effect. The Company will assume ninety percent (90%) of the cost of the Group Health and Weekly Income Insurance Plans with the employee assuming ten percent (10%) of the cost and fifty percent (50%) of the cost of the Life Insurance Plan. Effective January 1, 1996, the Company will contribute \$5.213 per hour (40 hours/week) to fund Life, Weekly Income Insurance and Health coverages. The Company will manage this account and sub-accounts to assure adequate funding of each. The Collective Bargaining Agreement will be updated on an annual basis as to current cost of group insurance benefits.

ARTICLE 27

PAID SICK LEAVE

27.1 Sick leave is provided by the company for wage continuation in the event that an employee is, through illness, unable to perform his work. This provision shall apply to absences due to illness or recuperation from non-industrial injuries. Worker's Compensation covered illness and/or injuries are excluded from this coverage. Pay compensations provided herein are intended only to provide wage continuation within the described limits provided during such absences and are not intended to be used for the purpose of lump sum payment in lieu of wage continuation.

27.2 Employees will accrue sick leave at the rate of eight (8) hours for each month of service. Sick leave accrual for any one employee shall not exceed nine hundred (900) hours.

27.3 A month of service, for the purpose of this section, shall be defined as actual time on the active payroll no less than the first day through the 15th day of any calendar month or the 16th day through the last day of any calendar month.

27.4 A claim for sick pay must be made by the employee to his supervisor. The employee must supply, if requested, a statement from a doctor verifying that an absence was due to illness of the employee. Statements from a doctor will not normally be required for absences of three work days or less. When such statements will be required for said short absences by an employee, the employee shall be so notified in advance and in writing. Any employee placed on a letter of restriction for absence(s) shall not be paid for the first work day of absence unless the illness or accident requires hospitalization of the employee. Payments of sick leave under this Article shall be computed at the straight time hourly rate the employee would have received on the day or days of absence. The employee may elect to liquidate accrued sick leave at the rate of one-half per day.

27.5 If an employee is laid off, all unused sick pay hours accrued by him/her up to the time of his layoff will be credited to him/her on the date of recall from layoff. After two (2) years from the time of layoff, such employee will forfeit credited sick leave.

27.6 Any employee covered under this bargaining agreement may give unused paid sick leave hours from his/her sick pay account on the following terms.

- 1) The employee donating sick leave from his/her sick pay account, must have at least four hundred (400) hours of unused sick pay in his/her sick pay account at the time of the donation.
- 2) No employee may donate more than 40 sick pay hours per year to other employees.

- 3) The employee that will receive the donation must have had a minimum of four hundred (400) hours of unused sick pay in his/her account when the employee began to deplete his/her account.

The depletion of the employee's account must have been in a continuous duration without return to work. Time lost that is due to a major debilitating disease or accident which allowed the employee to return to work for short periods of time may be exempt from the continuous duration requirement at the company's option.

- 4) The donation of paid sick leave will not take place until the receiving employee has exhausted all paid sick leave and all vacation in his/her sick pay and vacation accounts.
- 5) Donated paid sick leave must be liquidated in full workday increments. The one half per day provision in this article (27.4) will not apply to donated paid sick leave.
- 6) The company will select which donor employee's sick leave will be used first when there are multiple donors.

27.7 In the event an employee is laid off in a reduction in force expected to last ninety (90) days or more, the employee will be eligible to be paid for one-half (1/2) of the employee's accrued unused sick leave pay hours up to a maximum of one hundred and twenty (120) hours. Sick leave paid off will not be credited to an employee's account should the employee be recalled. However, should the reduction in force result from work going to a Successor Contractor, any employee hired by the Successor Contractor will be ineligible to receive sick leave pay as established herein, if the Contractor assumes the employee's accrued sick leave bank.

At the time that an employee retires, at sixty-two (62) years or older, the employee will be paid for one-half (1/2) of unused sick leave pay hours.

ARTICLE 28

LEAVE OF ABSENCE

28.1 Time spent on leave of absence shall not count for sick leave or vacation, accrual or pay review.

28.2 Notwithstanding other provisions of this Agreement, time spent on a leave of absence occasioned by an industrial injury shall not affect the employee's wage review period to the extent that such wage review is automatic.

28.3 Upon written request from the Business Manager, One (1) employee shall be allowed up to two (2) years leave of absence to work for the local or International Union. The employee shall continue to accrue seniority for the two years. If the employee does not return after two years, his employment will be terminated along with all seniority and benefits.

ARTICLE 29

JURY DUTY

29.1 Employees who are required to report for or perform jury service or service as a witness under any court subpoena, on any day during which they are scheduled to work shall be paid for their scheduled hours at their straight time rate of pay less the amount received as jury or witness pay and shall not be required to report to work that day provided the company is given advance notice that the employee has been called for such service. Such payment may be limited to thirty (30) days in any calendar year; satisfactory proof of such services must be given to the company before this section shall apply.

29.2 The payment of wages under this article for day shift and afternoon shift employees will be limited to those scheduled straight time work hours that fall within the calendar day of the court appearance. Employees whose regularly scheduled straight time work hours on the day of the court appearance includes the midnight commencing the calendar day will be paid for that shift only. Under no circumstances will an employee be eligible for compensation of more than one shift per day of court appearance or compensation for a midnight shift that directly follows a court appearance.

ARTICLE 30

FUNERAL LEAVE

30.1 An employee shall be granted three (3) days leave with pay at his regular base rate for absences in conjunction with a funeral due to a death in his immediate family provided the employee attends the funeral. In addition, the Company will allow two (2) additional paid days for attendance of a funeral which is over five hundred (500) miles round trip from JSC. For the purpose of this provision, immediate family shall mean the grandparents of the employee or his spouse, and the employee's spouse, and employee's children, brother, sister, parents, mother-in-law, father-in-law and grandchildren. Off days, and holidays will be excluded for purposes of this provision.

ARTICLE 32

PENSION PLAN

32.1 Commencing February 1, 1976, and for the duration of this Collective Bargaining Agreement and any renewals or extensions thereof, the Company agrees to make payments to the Central Pension Fund of the International Union of Operating Engineers for each employee covered by this Collective bargaining Agreement as follows:

32.1.1 The Company shall make a contribution of \$.30 per hour to the above named program on the basis of eight (8) hours a day up to a maximum of 40 hours per week for each week the employee is receiving any wage compensation either directly from the Company or as a result of the Weekly Insurance Plan provided under this Agreement, or a monthly contribution based on the annual monthly average of 173 hours a month.

32.1.2 Contributions for a new employee are payable from the first day following the completion of his probationary period.

32.1.3 Payments to the Program are due by the twentieth day of the month for which contributions are payable.

32.1.4 Commencing on September 1, 1982 the Company shall make a contribution of \$.75 per hour as prescribed above.

32.1.5 Commencing on September 1, 1983 the Company shall make a contribution of \$.85 per hour as prescribed above.

32.1.6 Commencing on September 1, 1986, the Company shall make a contribution of \$1.00 per hour as prescribed above.

32.1.7 Commencing on February 1, 1988, the Company shall make a contribution of \$1.05 per hour as prescribed above.

32.1.8 Commencing on August 1, 1989, the Company shall make a contribution of \$1.10 per hour as prescribed above.

32.1.9 Commencing on February 1, 1990, the Company shall make a contribution of \$1.15 per hour as prescribed above.

32.1.10 Commencing on September 1, 1993, the Company shall make a contribution of \$1.25 per hour as prescribed above.

32.1.11 Commencing on September 1, 1994, the Company shall make a contribution of \$1.30 per hour as prescribed above.

32.1.12 Commencing on September 1, 1995, the Company shall make a contribution of \$1.35 per hour as prescribed above.

32.1.13 Commencing on September 1, 1996, the Company shall make a contribution of \$1.50 per hour as prescribed above.

32.1.14 Commencing on September 1, 1997, the Company shall make a contribution of \$1.60 per hour as prescribed above.

32.1.15 Commencing on April 1, 1999, the Company shall make a contribution of \$1.75 per hour as prescribed above.

32.1.16 Commencing on September 1, 1999, the Company shall make a contribution of \$1.90 per hour as prescribed above.

32.1.17 Commencing on September 1, 2000, the Company shall make a contribution of \$2.10 per hour as prescribed above.

ARTICLE 41

HOURS OF WORK

41.1 Straight Day Work - Lab Technicians and Environmental Operators working the Straight Day schedule or afternoon shift will require eight (8) hours of work, from 7:00 a.m. to 3:30 p.m., with 30 minutes for lunch. Straight Day and afternoon workers shall work Monday through Friday with Saturday and Sundays as off days except for week-end coverage in the labs where two consecutive days off may be established by mutual consent of the Company and Union.

41.2 Straight Day Work - Operations - Workers assigned to operations on the day shift shall work a schedule which requires eight (8) hours of work from 7:00 a.m. to 3:00 p.m. Monday through Friday with Saturday and Sunday as off days, except for weekend coverage when two consecutive days off may be established by mutual consent of the Company and the Union.

41.3 Straight Afternoon Shift - Operations - Workers assigned to operations on the afternoon shift shall work a schedule which requires eight (8) hours of work from 3:00 p.m. to 11:00 p.m. Monday through Friday with Saturday and Sunday as off days, except for weekend coverage when two consecutive days off may be established by mutual consent of the Company and Union.

41.4 Rotating Shift Work - The schedule for rotating shift work shall be the schedule shown in Exhibit "A", Rotating Schedule. Employees so assigned shall work eight (8) consecutive hours per day and shall rotate in accordance with the schedule. Shifts shall be from 7:00 a.m. to 3:00 p.m.; from 3:00 p.m. to 11:00 p.m.; and from 11:00 p.m. to 7:00 a.m. Employees shall not report to work more than fifteen minutes before the time they are scheduled for the start of their shift unless they are requested to report early for overtime work. The names of employees assigned to rotating shift work will be published showing shift rotation and days off.

41.5 Shift differentials shall be added to the earnings of the employees required to work during the hours indicated in the following schedule for each hour worked during such period:

Effective September 1, 1981

Daywork	- No differential
Afternoon Shift	- \$.50 differential
Night	- \$1.00 differential

41.6 If the job conditions dictate a change in the established starting time the Company and the Union shall mutually agree to such changes. If no agreement can be reached between the parties, the Union may appeal the Company decision through the Grievance and Arbitration procedures with the matter to be determined on merit.

EXHIBIT "B"

WAGE RATES

The following rates of pay shall be effective on the dates indicated and thereafter for employees covered by this Agreement:*

Classification:	OPERATORS		
Effective Date:	<u>9/1/98</u>	<u>9/1/99</u>	<u>9/1/00</u>
	\$19.98*	\$20.58	\$21.20

*To be paid April 1999 at the beginning of Employer's contract year.

- 1) Laboratory Technicians will receive a premium of forty cents (\$.40) per hour Over the highest rate being paid for employees in the Operator classification.
- 2) Chief Operator will receive a premium of sixty-five cents (\$.65) per hour over the highest rate being paid for employees in the Operator's classification.
- 3) Training Chief Operators will receive a premium of \$1.85 per hour over the Highest rate being paid for employees in the Operator's classification.

EXHIBIT "C"

WAGE RATES

The following rates of pay shall be effective on the dates indicated and thereafter for employees covered by this Agreement: *

Effective Date:	<u>9/1/98</u>	<u>9/1/99</u>	<u>9/1/00</u>
Classification:			
UTILITY CONTROLS SYSTEM OPERATOR/DISPATCHER	\$20.48*	\$21.09	\$21.72
UTILITY COORDINATOR	\$19.98*	\$20.58	\$21.20

*To be paid April 1999 at the beginning of Employer's contract year.

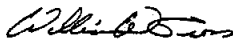
EXHIBIT "Y"

APPRENTICE WAGE RATES

Operator	Current	<u>9/1/98</u>	<u>9/1/99</u>	<u>9/1/00</u>
	Start	\$14.99	\$15.44	\$15.90
	6 mo	\$16.24	\$16.72	\$17.22
	12 mo	\$17.48	\$18.01	\$18.55
	18 mo	\$18.73	\$19.30	\$19.87
	24 mo	\$19.98	\$20.58	\$21.20
UCS Operator		<u>9/1/98</u>	<u>9/1/99</u>	<u>9/1/00</u>
	Start	\$15.36	\$15.82	\$16.29
	6 mo	\$16.64	\$17.14	\$17.65
	12 mo	\$17.92	\$18.45	\$19.01
	18 mo	\$19.20	\$19.77	\$20.37
	24 mo	\$20.48	\$21.09	\$21.72

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210


William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1973-0023
Revision No.: 25
Date of Last Revision: 05/22/2000

This wage determination applies at the address(es) below:

Johnson Space Center, Harris County, TX

Employed on NASA contract for maintenance support services.

Collective Bargaining Agreement between BRSP and International Union of the AFL-CIO effective February 14, 1997.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

**ECONOMIC TERMS OF
COLLECTIVE BARGAINING AGREEMENT (CBA)
BETWEEN
BRSP
AND
GENERAL PRESIDENTS' PROJECT MAINTENANCE
AGREEMENT - CONSTRUCTION BUILDING TRADES**

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Section Break (Next Page)

The following pages are taken from the above referenced CBA to assist contractors in proposal preparation. The pages pertain to a sampling of the economic terms (wages and fringe benefits) of the agreement. It is the contractors' responsibility to review the CBA in its entirety to ensure that the proper wages and benefits are proposed. Failure by this Agency to include any job classification, wage rate, or fringe benefit encompassed in the CBA does not relieve the terms of the CBA insofar as wages and fringe benefits are concerned. A copy of the CBA is available in the JSC Scientific and Technical Information Center.

JOHN T. JOYCE, 1st Vice President
 CHARLES W. JONES, 2nd Vice President
 EARL K. KAUSE, 3rd Vice President
 J. J. BARRY, 4th Vice President
 WILLIAM G. BERNARD, 5th Vice President
 LAKE WEST, 6th Vice President



FRANK HANLEY, 7th Vice President
 JOHN N. RUSSELL, 8th Vice President
 RON CAREY, 9th Vice President
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 ARTHUR A. COLE, 11th Vice President
 ARTHUR MOORE, 12th Vice President
 DOUGLAS J. MCCARRON, 13th Vice President
 JOHN J. DOUGHERTY, 14th Vice President
 MARTIN J. MADDALONI, 15th Vice President

Building and Construction Trades Department

AMERICAN FEDERATION OF LABOR - CONGRESS OF INDUSTRIAL ORGANIZATIONS
 1135 FIFTEENTH ST., N.W., 4TH FLOOR • WASHINGTON, D. C. 20005-2707

(202) 347-1461

June 11, 1997

EMPLOYEE RELATIONS
 RECEIVED

JUN 17 1997

Mr. Arnold J. Palmer
 BRSP
 P.O. Box 3 4100 Clinton Dr.
 Houston, Texas 77091-0003

Subject: Revised General Presidents' Project
 Maintenance Agreement (Blue Book)

Mr. Palmer:

The Joint Labor/Management Interpretations Committee, representing the General Presidents' Committee and the Associated Maintenance Contractors, has revised the General Presidents' agreement to be effective July 1, 1997. The revisions are mostly the language taken from the Joint Labor/Management Interpretations Bulletins that has been used in the administration of the agreement. The only new language appears in Article IX new paragraph 3 on page 10 of the draft agreement.

I have enclosed a copy of the newly revised agreement which will show the language taken from the General Presidents' Agreement Bulletins in italics and new language in bold print. We are asking each signatory contractor to sign an assent form which will indicate acceptance of the language changes and return same to this office immediately.

Copies of the new agreement will be available within three to four weeks and will be made available to all interested parties upon request.

If you have any questions concerning this matter please contact our office immediately.

Sincerely,

Thomas H. Owens
 Thomas H. Owens
 Administrator

THO:mk

cc: General Presidents' Committee



GENERAL PRESIDENTS' PROJECT MAINTENANCE AGREEMENT



Developed by General Presidents' Committee
September 1956

Revised by General Presidents' Committee
September 1960, June 1970 and October 1972

Approved November 28, 1972

Additions to Article VI and Article XII

September 1, 1975

Revised by General Presidents' Committee

January 1, 1983



PROJECT MAINTENANCE AGREEMENT BY CONTRACT

This Agreement is entered into this 14th day of February
19 97, by and between BRSP
(Contractor)
located in Houston, Texas and those INTERNATIONAL
UNIONS OF THE AFL-CIO listed hereinafter (herein referred to as the "Unions")
for the purpose of project maintenance, repair and renovation work for the
NASA Johnson Space Center located at
(Project)
Houston, Texas
(Location)

The Unions are composed of the following International Unions of the AFL-CIO:

International Association of Heat and Frost Insulators and Asbestos Workers
International Brotherhood of Boilermakers, Iron Ship Builders, Blacksmiths, Forgers and
Helpers
International Union of Bricklayers and Allied Craftsmen
United Brotherhood of Carpenters and Joiners of America
Operative Plasterers' and Cement Masons' International Association
International Brotherhood of Electrical Workers
International Association of Bridge, Structural and Ornamental Iron Workers
Laborers' International Union of North America
International Union of Operating Engineers
International Brotherhood of Painters and Allied Trades
United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting
Industry of the United States and Canada
United Union of Roofers, Waterproofers and Allied Workers
Sheet Metal Workers' International Association
International Brotherhood of Teamsters, Chauffeurs, Warehousemen and Helpers

COVENANTS

Whereas, the Contractor is engaged in the business of continuous plant maintenance, repair and renovation (as defined in Articles V and VI) with diversified industries and this work is of importance to the Unions herein listed, and it being recognized there is an essential difference in the conditions required to perform this type of work, the Unions herein listed with the Contractor wish to enter into an agreement for their mutual benefit covering work of this nature.

Whereas, the Unions have in their membership throughout the area members competent and qualified to perform the work of the Contractor.

Whereas, the Contractor has employed and now employs members of the Unions and the Contractor has a commitment and/or contract from the owner for maintenance, repair and renovation work recognized by the Unions of the AFL-CIO as being within the jurisdiction of said Unions. (Subject to General Presidents' Committee policies and criteria.)

Whereas, in order to insure relative equity and uniform interpretation and application, the Unions wish to establish and administer said Collective Agreement in concert, each with the other, and all with the Contractor.

Whereas, the Contractor and the Unions desire to mutually stabilize wages, hours and working conditions.

Whereas, the Contractor and the Unions agree that, due to the particular nature of the work covered by this Agreement, there shall be no lockouts or strikes during the life of this Agreement, and provisions must be made to achieve this end.

It is, therefore, agreed by the undersigned Contractor and Unions in consideration of the mutual promises and covenants contained herein that the Project Agreement be made as follows:

ARTICLE XI: LOCAL UNION REPRESENTATIVES

SECTION I: Officials of any of the signatory Unions shall be provided access to projects covered by this Agreement. Requests shall be arranged through the Contractor for such visitations in keeping with Owner's uniform rules of safety and security as expeditiously as possible. Each Local Union shall designate one (1) official as its representative and so inform the Contractor.

SECTION II: If relations between the Local Union Representative and the Contractor become non-cooperative, the Contractor may request the Administrator of the General Presidents' Committee on Contract Maintenance to investigate the circumstances and take the necessary action to keep this Agreement enforced in good faith. Continuing problems will be resolved by the General Presidents' Committee on Contract Maintenance and the Contractor's representatives.

ARTICLE XII: WAGE RATES AND PAYDAY (Bulletin #016)

1. Wage rates may be established by the General Presidents' Committee in the respective area or locality in which this Agreement is effective and shall be specified in Schedule "A" attached hereto (Bulletins #036A & #037)

2.A. Fringe benefits as negotiated in local and/or National working agreements shall be paid in addition to wage rates as specified in Schedule "A". This includes welfare funds, apprentice training funds, pension funds, and other monetary funds. Construction Industry promotional funds are not applicable under terms of this Agreement. (Bulletins #006, #008 & #017)

B. In addition, each Contractor performing work under this Agreement shall be required to contribute to the General Presidents' Project Maintenance Agreement by Contract Labor-Management Trust Fund. Such contributions shall be made on an annual basis. The amount to be contributed shall be determined by the Fund Trustees.

Payment shall be made within thirty (30) days of notification by the General Presidents' Committee on Contract Maintenance to the Contractor of the amount owed.

The failure of the Contractor to comply with the provisions of this paragraph shall

constitute a breach of the Agreement, and any such debt due and owing to the Fund may be recovered by suit, initiated by the Fund or its assignee.

3. For purposes of this Agreement, wage premiums established under local and/or national agreement affecting maintenance, repair or renovation work such as hazard pay, acid pay, high or low work and other similar premiums shall not be applicable to this Agreement. (Bulletins #015 & #035)

Under the terms of this Agreement, no subsistence, travel allowance, mileage, or pay for travel time will be paid to any employee.

When zone type wage structures are established in the area of the project, the project for the purposes of this Agreement will be considered as if it was within the area of the base zone rate.

4. After the Contractor's operation has commenced in any particular area, no subsequent change in wages or working conditions in such area will become effective insofar as the Contractor is concerned, except to the extent that any such change in wages or working conditions shall have been agreed upon and in accordance with the effective date agreed upon in negotiations between the Local Union having jurisdiction over the area and a recognized bargaining agency of contractors in such area.

5. It is further agreed that at the implementation of a new project or any major change in policy on an existing project a pre-job meeting will be held jointly by the General Presidents' Committee on Contract Maintenance, the crafts involved and the contractor's representatives. Minutes of this meeting will be made available to all concerned for guidance in the administration of the project.

6. Wages will be paid weekly. The payroll period to close so that no more than three (3) days will be held back and payments to be made before the end of the employee's shift. (Bulletin #007)



GENERAL PRESIDENTS'
PROJECT MAINTENANCE AGREEMENT
BY CONTRACT
JOINT LABOR/MANAGEMENT
INTERPRETATIONS COMMITTEE



Bulletin # 006

Reference: Article XII, Section 2

Subject: Wage Rates and Payday - Computations of fringe benefit contributions

Statement
of
Policy:

1. Payments to local union Health, Welfare and Pension funds shall be made in accordance with the provisions of the local and/or national union's agreements.
2. Where the local union agreement provides for payment of benefits based on hours worked, it is understood that when shift work is involved which provides eight (8) hours pay for a shift of less than eight (8) hours (see Article XV), payments shall be made to said funds on the basis of eight hours per shift, provided a full shift is worked.

For the Joint Interpretations Committee

Thomas Owens, Administrator
General Presidents' Project Maintenance
Agreement by Contract

June 15, 1978

Date of Revision

ARTICLE XIII: TWENTY-FOUR (24) HOUR RULE AND MEAL ALLOWANCE

All time worked before and after the regularly established shift hours in any twenty-four (24) hour period or on the sixth (6th) day shall be paid at the rate of time and one-half. All time worked on the seventh (7th) day and holidays shall be paid at the rate of double time. Any employee working overtime beyond his/her shift shall be paid overtime.

Meal Allowance

When an employee is required to work more than two (2) hours of unscheduled overtime beyond his regularly scheduled shift the Contractor will arrange either to have him receive one (1) hot meal or give him \$8.00 in lieu of the meal. This provision will be repeated after each four (4) hours of overtime thereafter. (Bulletin #009B)

ARTICLE XIV: DAY WORK SCHEDULES (Bulletins #010 & #022)

1. The standard work day shall be an established consecutive eight (8) hour period between the hours of 7 a.m. and 5 p.m. exclusive of a thirty (30) minute lunch period. Forty (40) hours per week shall constitute a week's work Monday through Friday inclusive.

On any project when the job conditions dictate a change in the established starting time and/or a staggered lunch period on certain work of the project or with individual crafts, the Contractor and the Local Unions involved shall mutually agree to such changes. (Bulletin #029)

(a) If work schedule change cannot be mutually agreed to between the Contractor and the Union or Unions involved, the hours fixed in the Agreement shall prevail. However, the parties involved shall have the prerogative of calling on the Committee as a whole to request such change; requests shall be in writing, the Committee's decision shall be final.

2. All time before and after the established work day of eight (8) hours, Monday through Friday, and all time on Saturday shall be paid for at the rate of time and one-half. All time on Sundays and the holidays stated in Article XIX shall be paid for at the rate of double time. (Bulletin #026)

ARTICLE XV: STAGGERED WORK WEEK

Facilities requiring continuing maintenance on a seven (7) day basis can be established.

When a seven (7) day staggered work week is established, it is understood that the employees shall receive two (2) consecutive days off in lieu of Saturday and Sunday. If the employee works either of these two (2) days, the first regularly scheduled day off he/she shall receive time and one-half his/her regularly established rate; when an employee works his/her second day off, he/she shall receive two times his/her regularly established wage rate. All other overtime payment shall be consistent with the terms of this Agreement.

Within the concept of the staggered work week a second (2nd) shift may be established. Employees working on such second (2nd) shift shall work seven and one half (7-1/2) hours and receive eight (8) hours pay. Employees working on third (3rd) shift shall work seven (7) hours and receive eight (8) hours pay.

ARTICLE XVI: TEMPORARY SHIFT WORK CONDITIONS (Bulletins #011A, #023 & 032)

1. When so elected by the Contractor, multiple shifts on a temporary basis of at least three (3) consecutive work days duration may be worked. When two (2) or three (3) shifts are worked, the first (1st) or day shift shall be established on an eight (8) hour basis, the second (2nd) shift shall be established on a seven and one-half (7-1/2) hour basis, and the third (3rd) shift shall be established on a seven (7) hour basis. NOTE: See Appendix for shift schedule.

Any violation of the temporary shift provisions to circumvent the regular overtime provisions of this Agreement by unnecessary fluctuation of the three (3) consecutive work day provision then all employees on such shifts will be paid at the appropriate overtime rate.

The determination of the start of multiple shifts is the prerogative of the Contractor. If it is necessary to use employees from a previous shift within a twenty-four (24) hour period, overtime provisions of Article XIV, Paragraph 1, shall apply and will be considered the beginning of the three (3) consecutive work days. (Bulletin #025 & #031)

2. The pay for the second (2nd) and third (3rd) shifts shall be equivalent of eight (8) times the employee's straight time hourly rate.

ARTICLE XVII: PERMANENT SHIFT WORK CONDITIONS

1. A four cycle shift system will be operated only when the work is considered to be a permanent nature. The names of those workers employed on permanent shifts will be published showing shift rotation and the working shift or days off for each worker for a period of at least three (3) months.

2. The permanent shift rate premium for the afternoon shift will be \$0.25 per hour, and the permanent shift rate premium for the night shift will be \$0.50 per hour.

3. The standard work day shall be eight (8) hours of continuous employment, including lunch period. Forty (40) hours per week shall constitute a week's work. All time worked in excess of eight (8) hours per work day shall be paid at the applicable overtime rate. If a regularly scheduled day off is worked, the first day shall be paid at the rate of time and one-half and the second scheduled day off worked shall be paid at the rate of double time.

4. The days off for permanent shift workers shall be two (2) consecutive days per week in lieu of Saturday and/or Sunday.

5. When permanent shifts are to be reduced or cancelled, the Unions shall be given at least three (3) days notice in writing.

ARTICLE XVIII: HOLIDAYS (Bulletins #012 & #038)

1. The following seven (7) days shall constitute the legal holidays within the terms of this Agreement, except mutually agreed to changes with the Committee:

New Year's Day
Washington's Birthday
Memorial Day
July 4th
Labor Day
Thanksgiving Day
Christmas Day

2. If any of the above holidays fall on Sunday, Monday shall be observed as the holiday; if any of the above holidays fall on Saturday, Friday shall be observed as the holiday. For premium purposes, holidays celebrated as such shall be utilized for the computation for overtime pay.

ARTICLE XIX: REPORTING TIME AND CALL-INS

1. Reporting Pay (Bulletins #020 & #034)

When an employee or new hire reports to work on any shift between the established hours of his/her regular work and is not given the opportunity to work because none was available and was not notified before the completion of the previous day's work, he/she shall be paid two (2) hours reporting time.

When employees start to work they shall be paid not less than four (4) hours and if they work beyond the four (4) hours, they shall be paid for actual time worked. It shall be the Contractor's prerogative whether or not to stop work.

If an employee refuses to start or stops work on his/her own volition, the minimum set forth herein shall not apply.

2. Call-Ins (Bulletins #027 & #030A)

A Call-in shall be defined as notification to report for work by whatever means to an employee for work outside of his/her regular shift or regularly scheduled day off or holiday.

Call-ins as defined above shall be paid in accordance with one of the following categories:

(a) A Call-in prior to and continuous with an employee's normally scheduled shift shall be paid for on the basis of hours actually worked at the applicable overtime rate.

(b) When an employee is called in to work at or after the established starting time on Saturday, Sunday, scheduled day off or holidays, he/she shall be paid not less than four (4) hours at the applicable overtime rate for that day except when his/her call-in is prior to and continuous with his/her normal work hours.

**GENERAL PRESIDENT'S PROJECT
AGREEMENT**

	<i>Current</i>		<i>Foreman Differential</i>				
	<i>Rate</i>	<i>Date</i>	<i>Per Hour</i>	<i>H & W</i>	<i>Pension</i>	<i>Other</i>	<i>Vacation</i>
Asbestos Workers	\$17.89	06/01/01	1.00	3.04	3.01	0.15	0.00
Carpenters	\$20.93	04/01/01	1.00	2.51	1.32	0.16	
Roofers	\$15.48	04/01/01	1.13	1.75	0.85		0.00
Millwrights	\$21.29	04/01/01	1.00	2.51	1.32	3.31	
Electrical: Linemen	\$22.31	04/01/01	1.98	2.20	4.35	0.78	
Electrical: Wiremen	\$19.60	04/01/01	F1 .98, F2 1.57, GF 2.94	2.51	2.67	0.87	
Iron Workers	\$20.08	06/01/01	1.25	2.20	1.00	1.34	
Laborers	\$15.29	04/01/01	1.05	1.23	1.01	0.22	
Painters	\$14.66	04/01/01	F .25, GF .50	2.45	1.95	0.34	
Pipefitters	\$21.71	04/01/01	F1 1.00, F2 1.74, GF 2.82	2.90	4.20	0.26	
Plumbers	\$20.97	04/01/01	1.25	2.45	2.65	2.02	
Operator, Heavy Equip.	\$20.20	06/01/01	0.75	2.20	2.65	0.30	
Sheetmetal Workers	\$21.30	04/01/01	F .75, GF 1.25	2.87	2.50	0.50	
Teamsters:							
Material Checkers	\$17.23	04/01/01	0.93		3.75		
Heavy Truck Driver	\$16.36	04/01/01	0.75		3.75		

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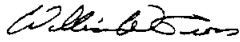
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REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210



William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1999-0136
Revision No.: 2
Date of Last Revision: 03/01/2001

State: Texas

Area: Texas County of Harris

Employed on NASA contract (s) for base operations support services

Collective Bargaining Agreement between BRSP (Logistics and Transportation) and Teamsters Local Union
No. 968 effective December 16, 2000 through December 15, 2003.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by
the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid
wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension
agreement(s).

ECONOMIC TERMS OF
COLLECTIVE BARGAINING AGREEMENT (CBA)
BETWEEN
BRSP
AND
TEAMSTERS, LOCAL 968
(LOGISTICS)

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Section Break (Next Page)

The following pages are taken from the above referenced CBA to assist contractors in proposal preparation. The pages pertain to a sampling of the economic terms (wages and fringe benefits) of the agreement. It is the contractors' responsibility to review the CBA in its entirety to ensure that the proper wages and benefits are proposed. Failure by this Agency to include any job classification, wage rate, or fringe benefit encompassed in the CBA does not relieve the terms of the CBA insofar as wages and fringe benefits are concerned. A copy of the CBA is available in the JSC Scientific and Technical Information Center.

AGREEMENT

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BETWEEN

BRSP

(LOGISTICS)

AND

TEAMSTERS
LOCAL UNION NO. 968

EFFECTIVE: December 16, 2000

EXPIRES: December 15, 2003

**ARTICLE 3
RECOGNITION**

The Company hereby agrees to recognize the Union as the exclusive bargaining representative with respect to wages, hours and other terms and conditions of employment for all employees engaged in Warehousing, Cataloging, Receiving, Stock Control, Clerk Typist, and Supply Services of the Base Operations Support Services Contract, at the Johnson Space Center, Houston, Texas.

Employees excluded from this agreement include all Stenographers, Secretaries, and all other employees and all professional employees, guards and supervisors as defined in the National Labor Relations Act.

**ARTICLE 10
WAGE RATES**

Section 1. The Wage Schedule attached hereto and made a part hereof represents the wage rates effective May 1, 2001, May 1, 2002 and May 1, 2003, respectively.

Section 2. Changes in wage rates due to promotions.

Employees will at the time of promotion, be brought to the new job rate in accordance with their seniority and the appropriate schedule.

Section 3. Temporary Assignments.

Any employee performing two (2) hours work in a higher classification, shall be paid at the rate of the higher classification. If he is performing work in a lower classification, he shall retain his regular rate of pay.

**ARTICLE 13
GROUP INSURANCE**

Section 1. The Company will provide its employees with group insurance coverage that is equal to the present coverage. The Company reserves the right to determine the insurance carrier and may from time to time change carriers.

An outline of the provisions of the group insurance plan will be provided to the covered employees.

Section 2. Employees may opt to be covered by the Company sponsored Insurance Plan provided for in Section 1 above. Covered employees will be required to make a Co-payment of ten dollars (\$10.00) each calendar week which shall be deducted by the Company from each employees wages. If an employee elects to withdraw from coverage by the plan, such employee may do so after a two (2) week written notice to the Company. The effective date of the withdrawal shall be the last workday of the current month.

Section 3. Employees desiring to opt out of the group insurance plan shall not be required to make co-payment contributions to such plan and will not receive compensation in lieu of plan participation. After an employee has withdrawn his/her participation from the plan he/she will be readmitted to the plan after he/she has complied with the insurance company's re-admittance requirements. Request for re-admittance to the plan shall be acted upon within one (1) month of receipt of the employees written request for re admittance.

**ARTICLE 14
HOLIDAYS**

Section 1. The following days are recognized by the Company as holidays

New Year's Day	Labor Day
Martine Luther King's Birthday	Columbus Day
President's Birthday	Veteran's Day
Memorial Day	Thanksgiving Day
Independence Day	Christmas Day

If the number of paid holidays observed by JSC under existing policy are increased in number, such additional holiday(s) shall be recognized and paid for in accordance with this Agreement. This provision also applies to all hours observed by JSC as time off with pay. Employees will be entitled to two (2) additional holidays with pay (employees anniversary date of employment and employees birthday) both to be recognized as unassigned. An employee desiring to take these holidays is required to notify the company one week in advance.

Section 2. Holidays recognized by JSC will be observed in accordance with JSC policy.

Section 3. Holidays not worked.

(a) An employee who is (on a five (5) day eight (8) hour per day work week and) not required to work on a day observed as a holiday will receive eight (8) hours pay at his/her straight time rate of pay. An employee on a (non five (5) day eight (8) hour per day work week) who is not required to work on a day observed as a holiday will receive pay at his/her straight time of pay, provided for in the settlement reached in accordance with Section 7 of this Article.

(b) Notwithstanding the language in this Section, to be eligible to be paid for holiday pay an employee must meet the following requirements.

(1) Has worked all his/her scheduled hours on the last workday before the day observed as the holiday and on his/her first scheduled workday after the day observed as the holiday, or was excused by the Company to be off work on such days.

(2) Is not on a Company paid leave of absence.

(3) Is not receiving workmen's compensation benefits.

(4) Has been on the Company's payroll for a period of at least sixty (60) days

Section 4. Off Duty Holidays.

An employee, who is off on a holiday for a bona fide reason or is excused by the Company, will be compensated for holiday pay at the straight time rate of pay.

Section 5. Holidays Worked.

An employee required to work on a Company recognized holiday, will be paid at the rate of time and one-half (1 ½) the base hourly rate for all hours worked on the holiday plus his/her holiday pay. An employee who is off on a holiday for a bona fide reason or is excused by the Company, will be compensated for holiday pay at the straight time rate of pay.

Section 6. Holidays During Vacations.

When a paid holiday occurs during the course of an employee's vacation, the Company shall designate the day prior to or the day following the vacation as an additional day off, except where the employee and the Company agree he shall take another day.

Section 7. Holiday Miscellaneous.

The parties shall meet to agree upon language to cover holidays affected by work schedules which may be different than the traditional five (5) days eight (8) hour week. The primary purpose of the parties is to agree upon a holiday schedule that will allow the Company to comply with NASA and/or EPA requirements. In such cases the hours paid for holidays shall be adjusted to conform to such work schedules.

**ARTICLE 15
LEAVE OF ABSENCE**

Section 1. Personal Leave of Absence

(a) The nature of the Company's business requires employees to be available for work at all times in order to meet operating requirements. Therefore, leave of absence for personal reasons shall not be granted except in cases of urgent personal need. It is understood that the Company is not obligated, under any circumstance to grant a request for a leave of absence for personal reasons. Request for a leave under this section must be submitted in writing by the requesting employee to his/her supervisor, at least twenty-four hours before such leave is to begin; a copy of an approved leave will be sent to the Union.

(b) Personal leaves of absence when granted by the Company will be without pay. During such leave, seniority will continue to accrue up to three (3) months during a leave of absence.

(c) The employee will be required to notify the Company at least five (5) working days prior to returning to work.

Section 2. Military Service Leave

An employee of the Company who shall have been called, or volunteers for military service in any branch of the United States Armed Forces when the United States is at war or during any declared National emergency in peace time, and who has been placed on leave for same, who receives a certificate that he has satisfactorily completed his/her period of training and service in such military service makes application for reemployment within ninety (90) days after he is relieved from such training and service, will be reinstated in the position held by such employee at the time of entering such service, or to a position of like status, and pay, provided that under normal working conditions, such employee would have been employed by the Company except for such military service, and is not physically or otherwise incapacitated from performing his usual work in such previously held position. In the event that there is a statute fixing and declaring the rights and responsibilities of any employer or an employee in any such case, such statutory provision shall supersede this paragraph and thereafter this paragraph shall have no further force and effect.

Section 3. Military Training Leave

An employee whose term of service in accordance with this Agreement, is at least six (6) months and who is called to serve in a reserve component of the Armed Forces of the United States, including the National Guard, for annual training usually a period of two (2) weeks, will receive the difference in his/her base forty (40) hour rate of pay and the pay he/she receives from the military up to a maximum of two (2) weeks once each calendar year. In order to receive this benefit, the employee must submit a copy of his/her official orders and an authorized accounting of his/her military pay. Time spent at such reserve training will count as hours worked towards vacation eligibility.

Section 4. Funeral Leave.

(a) Employee's with sixty days or more of continuous employment shall be eligible to receive pay at their straight time hourly rate for up to four (4) days during their basic work week schedule in the event of death in their immediate family. The number of hours per day shall not exceed the number of hours in their basic workday schedule. (Payment shall be made only when absence is taken for the purpose of attending, or attending and making arrangements for the funeral). For purposes of this payment, the immediate family includes the employee's parents, children, brothers, sisters, grandparents, spouse, spouses' parents, employee's brother-in-law and sister-in-law.

(b) If an employee on the active payroll of the Company dies and the family of such deceased employee makes an appropriate request to the Company, the Company will release up to two (2) employees for a period not to exceed four (4) hours with pay at the base hourly rate to act as pallbearer at the funeral, of such employee, unless unusual circumstances, requiring company approval for a longer period of time exist.

Section 5. Maternity Leave.

If an employee requests a leave of absence because of pregnancy, the employee will be entitled to reinstatement in her existing job and replacement during her absence will be arranged on a temporary basis, provided the following conditions are met:

(a) The employee is a regular full-time employee.

(b) A statement from the employee's physician is provided establishing the date that the employee should cease work from a medical point of view and a reasonable expected date of medical release to return to work.

(c) The employee obtains a release from her physician and returns to work within five (5) days of release.

Section 6. Family and Medical Leave Act (FMLA).

Employees approved by the Company to be off to attend a family member in accordance with FMLA shall be eligible to receive pay for unused unassigned holidays and vacation that the employee was eligible for prior to the start of such leave.

Employees approved by the Company to be off in accordance with FMLA for personal illness or off the job injury, shall be eligible to receive pay for unused sick leave days, unused unassigned holidays, and unused vacation that the employee was eligible for prior to the start of such leave.

Paid leave must be requested by the employee and will count against the total FMLA leave period.

Circumstances not covered in this section shall be subject to the terms of FMLA.

ARTICLE 16
JURY DUTY

Section 1. An employee with sixty (60) days or more of service who is called for or performs jury duty will be compensated by the Company for the straight-time hours he/she was thereby required to lose from his/her regular work schedule, but not to exceed five (5) eight (8) hour days per week, computed at his/her base hourly rate. The employee will also retain all fees received as a result of serving on Jury Duty.

Section 2. An employee temporarily excused from court during his/her regularly scheduled working hours shall report of work, provided that at least three (3) hours of his/her regular shift can be worked.

Section 3. Payment shall be made so long as such jury duty continues, only upon presentation of proof of jury duty.

ARTICLE 21 SICK LEAVE

Section 1 All full-time employees shall be eligible to receive pay due to sickness or accident on the following basis:

(a) 0-60 Days (Probationary Period)

Employees with less than (60) days service shall accrue eight (8) hours per month, in accordance with paragraph (d) of this article. Employees shall be eligible to receive pay for accrued sick leave upon completion of the probationary period.

(b) Less than (2) years service

Employees shall accrue eight (8) hours for each month of completed service, up to at least ninety-six (96) hours per year until such employee has completed two (2) years (twenty four (24) months) of service. In accordance with paragraph (d) of this article.

(c) Beginning the third year.

On each anniversary date, thereafter, beginning with the third anniversary date eligible employees are entitled to a sickness and accident allowance of ninety-six (96) hours. In accordance with paragraph (d) of this article.

(d) Eligibility.

In order to be eligible to accrue sick leave allowance for any month an employee must work at least 50% of the regular hours available for the month or be eligible to receive and have received Company pay for days off.

(e) Sick pay shall not duplicate any other Company pay.

Section 2. The employee will notify or have someone notify his/her immediate supervisor on the first day of absence, stating the nature of illness or injury and the anticipated date of his/her return to work. The employee will keep the Company informed of any changes in his anticipated date of return to work.

Section 3. The Company shall have the right to require such appropriate proof of illness or injury as it deems desirable.

Section 4. There shall be no payment made in lieu of unused sick leave at any time, nor may sick leave be used for any other purpose than for actual illness, during the employee's scheduled work days.

Section 5. Sick leave accrued for any employee shall not exceed five hundred forty four (544) hours.

Section 6. Employees may use accrued sick leave, equivalent to two (2) scheduled work days per year for emergency reasons, other than personal illness or injury. The employee will be required to provide the Company with proper notification and such leave will require management approval.

ARTICLE 22
TERMINATION ALLOWANCE

Employees who have twelve (12) months of continuous service and who are laid off for lack of work, shall receive termination pay based upon the following:

(a) Schedule of pay: One (1) year of service but less than two (2) – One (1) week's pay forty (40) hours. Two (2) years of service or more – Two (2) week's pay eighty (80) hours.

(b) An employee shall normally receive two (2) week's notice of lay-off prior to the date of the actual lay-off. When notice is given to an employee, the amount of notice shall be deducted from his termination allowance.

(c) If less than two (2) weeks prior notice is given, up to two (2) weeks termination pay shall be granted as determined above.

ARTICLE 23 VACATIONS

Section 1. An employee on the active payroll prior to May 1 of the current year, will be eligible for vacation in accordance with the following schedule

(a) Less than seven (7) years

Employees with less than seven (7) years service shall receive vacation at the rate of 5/6 of a day per month up to a maximum of eighty (80) hours per year.

(b) Seven (7) years or more

Employees with seven (7) years service or more, but less than fifteen (15) years service receive vacation at the rate of one and one-fourth ($1\frac{1}{4}$) days per month up to a maximum of one hundred twenty (120) hours per year.

(c) Fifteen (15) or more

Employees with fifteen (15) years service or more but less than twenty (20) years service shall receive vacation at the rate of one and two thirds ($1\frac{2}{3}$) days per month up to a maximum of one hundred sixty (160) hours per year.

(d) Twenty (20) years or more

Employees with twenty (20) years service or more shall receive vacation at the rate of two and one twelfth ($2\frac{1}{12}$) days per month up to a maximum of two hundred (200) hours per year.

Section 2. (a) Employees shall take their vacations within twelve (12) months after May 1, as scheduled by the Company in accordance with operational requirements, with seniority being given consideration insofar as is practical, except if the Company approves a delay of vacation, in which case it must be taken prior to May 1st of the following year.

(b) Active employees must take vacation time off and there shall be no pay in lieu thereof, and no vacation shall be allowed to accumulate from year to year beyond the period of time in (a) above.

Section 3. (a) An employee is laid off or is terminated after having six (6) months of continuous service with the Company shall receive the vacation pay for which he/she is eligible at the time of lay-off, less any vacation pay which may have been taken under Section 1. Eligible time will be determined based upon the provisions of Section 1 of this article. An employee must work at least 50% of the regular hours available for the month or be eligible to receive and have received Company pay for days off, in order to be eligible to accrue vacation allowance for that month.

(b) An employee who is recalled from lay-off, after having received vacation pay at the time of lay-off, shall be eligible for vacation on the next May 1, based only upon his service from time of recall. The computation will be based upon the provisions of Section 1, of this Article. In no event will the vacation time under Section 3(a) and Section 3(b) exceed the maximum allowance under Section 1.

Section 4. Holiday during vacation

Whenever a paid holiday occurs during the course of an employee's vacation, the Company shall designate the day prior to or the day following the vacation as an additional day off, except where the employee and the Company agree he shall take another day.

Section 5. Request for vacation pay.

Provided the employee makes proper prior request to the Company, he will receive his vacation pay on his last scheduled workday prior to the beginning of the vacation.

**ARTICLE 30
SAVINGS AND RETIREMENT PLAN**

Section 1. Effective December 16, 2000 through to April 30, 2001, the Company shall contribute to a fund, which is to be administered through the Trust Fund Agreement and Declaration of trust of the Southern States Savings and Retirement plan, the sum of twelve (12) dollars per week for each regular full time employee covered by this Agreement. Effective May 1, 2001, the Company shall contribute to the fund the sum of twenty (20) dollars per week for each regular full-time employee covered by this agreement. Casual employees shall not be covered by the provisions of this Article

Section 2. By the execution of this Agreement, the Company authorizes the Employers Association which are parties hereto to enter into appropriate trust agreements necessary to the administration of such fund, and to designate the Company Trustees under such agreement, hereby waiving all notice thereof and ratifying all actions already taken by such Trustees within the scope of their authority.

Section 3. If an employee is injured on the job, the Company will continue to make the contribution set forth in Section 1 above. Such contributions shall not be paid by the Company for a period of more than twelve (12) weeks.

Section 4. If an employee is granted a leave of absence the Company shall arrange to collect from said employee, sufficient monies to pay the required contributions into the fund during the period of absence.

Section 5. Contributions shall be paid to the fund monthly by the Company for each regular full time employee.

Section 6. Employees may elect to contribute twenty-five (25) percent, fifty (50) percent, seventy-five (75) percent or one hundred (100) percent in addition to Company contributions.

Section 7. All contributions shall be remitted to the trust by the tenth (10) day of the following month.

**LOGISTICS WAGE SCHEDULE
EFFECTIVE MAY 1, 2001**

<u>Job Title</u>	<u>Start</u>	<u>6 Months</u>	<u>12 Months</u>	<u>18 Months</u>
Logistics Librarian	11.28	12.57	12.72	12.95
Junior Cataloger	11.48	12.89	13.05	13.24
Cataloger	12.38	13.86	14.05	14.26
Clerk	10.47	11.66	11.90	12.01
Stock Control Clerk	10.92	12.19	12.39	12.52
Warehouse Person	11.25	12.56	12.72	12.95
Inchcker/Warehouse Person	11.25	12.56	12.72	12.95
Furn. Repair/Whse. Person	11.70	13.08	13.25	13.47
Storekeeper	11.91	13.35	13.52	13.70
Inspector	11.91	13.35	13.52	13.70
Senior Inspector	12.12	13.57	13.75	13.97
Property Specialist	12.45	14.00	14.14	14.40
Clerk Typist	10.13	11.31	11.51	11.72
Clerk/Dispatcher	10.13	11.31	11.51	11.72
Dispatcher	9.19	10.25	10.46	10.72
Computer Operator	11.28	12.57	12.72	12.95
Bond Room Storekeeper	12.12	13.57	13.75	13.97
Supply Technician	11.26	11.89	11.96	12.12
Property Technician	11.26	11.89	11.96	12.12
Property Clerk	10.66	11.35	11.55	11.78
Supply Clerk	10.66	11.35	11.55	11.78
Customer Service Clerk	11.26	11.89	11.96	12.12

Employees working in Building 380, on any assignment will receive a ten (.10) cent per hour premium.

The Senior Property Specialist will receive a ten (.10) cent per hour premium.

Bond Room Store Keepers will receive a ten (.10) cent per hour premium for the DV Stamp process.

**LOGISTICS WAGE SCHEDULE
EFFECTIVE MAY 1, 2002**

<u>Job Title</u>	<u>Start</u>	<u>6 Months</u>	<u>12 Months</u>	<u>18 Months</u>
Logistics Librarian	11.68	12.97	13.12	13.35
Junior Cataloger	11.88	13.29	13.45	13.64
Cataloger	12.78	14.26	14.45	14.66
Clerk	10.87	12.06	12.30	12.41
Stock Control Clerk	11.32	12.59	12.79	12.92
Warehouse Person	11.65	12.96	13.12	13.35
Inchcker/Warehouse Person	11.65	12.96	13.12	13.35
Furn. Repair/Whse. Person	12.10	13.48	13.65	13.87
Storekeeper	12.31	13.75	13.92	14.10
Inspector	12.31	13.75	13.92	14.10
Senior Inspector	12.52	13.97	14.15	14.37
Property Specialist	12.85	14.40	14.54	14.80
Clerk Typist	10.53	11.71	11.91	12.12
Clerk/Dispatcher	10.53	11.71	11.91	12.12
Dispatcher	9.59	10.65	10.86	11.12
Computer Operator	11.68	12.97	13.12	13.35
Bond Room Storekeeper	12.52	13.97	14.15	14.37
Supply Technician	11.66	12.29	12.36	12.52
Property Technician	11.66	12.29	12.36	12.52
Property Clerk	11.06	11.75	11.95	12.18
Supply Clerk	11.06	11.75	11.95	12.18
Customer Service Clerk	11.66	12.29	12.36	12.52

Employees working in Building 380, on any assignment will receive a ten (.10) cent per hour premium.

The Senior Property Specialist will receive a ten (.10) cent per hour premium.

Bond Room Store Keepers will receive a ten (.10) cent per hour premium for the DV Stamp process.

**LOGISTICS WAGE SCHEDULE
EFFECTIVE MAY 1, 2003**

<u>Job Title</u>	<u>Start</u>	<u>6 Months</u>	<u>12 Months</u>	<u>18 Months</u>
Logistics Librarian	12.03	13.32	13.47	13.70
Junior Cataloger	12.23	13.64	13.80	13.99
Cataloger	13.13	14.61	14.80	15.01
Clerk	11.22	12.41	12.65	12.76
Stock Control Clerk	11.67	12.94	13.14	13.27
Warehouse Person	12.00	13.31	13.47	13.70
Inchoker/Warehouse Person	12.00	13.31	13.47	13.70
Furn. Repair/Whse. Person	12.45	13.83	14.00	14.22
Storekeeper	12.66	14.10	14.27	14.45
Inspector	12.66	14.10	14.27	14.45
Senior Inspector	12.87	14.32	14.50	14.72
Property Specialist	13.20	14.75	14.89	15.15
Clerk Typist	10.88	12.06	12.26	12.47
Clerk/Dispatcher	10.88	12.06	12.26	12.47
Dispatcher	9.94	11.00	11.21	11.47
Computer Operator	12.03	13.32	13.47	13.70
Bond Room Storekeeper	12.87	14.32	14.50	14.72
Supply Technician	12.01	12.64	12.71	12.87
Property Technician	12.01	12.64	12.71	12.87
Property Clerk	11.41	12.10	12.30	12.53
Supply Clerk	11.41	12.10	12.30	12.53
Customer Service Clerk	12.01	12.64	12.71	12.87

Employees working in Building 380, on any assignment will receive a ten (.10) cent per hour premium.

The Senior Property Specialist will receive a ten (.10) cent per hour premium.

Bond Room Store Keepers will receive a ten (.10) cent per hour premium for the DV Stamp process.

**LETTER OF UNDERSTANDING
BETWEEN BRSP AND TEAMSTERS, LOCAL UNION NO. 968**

It is agreed and understood between the two parties that any Teamsters work performed at NASA for maintenance and operations (M&O) will be performed under the GPPMA (General Presidents' Project Maintenance Agreement). Any work performed alongside any Building & Trades Craft will be paid at the GPPMA rate of pay. If specific situations exist that necessitates using personnel on the Logistic and Transportation side to perform work for M&O, employees will suffer no loss of fringe benefits, and receive the GPPMA rate of pay. This may only be done if this local Union agrees and will be limited to eight hours per week.

Effective Date: April 1, 1997

FOR BRSP:

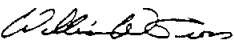
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FOR THE UNION:

A. W. Parker
Lee Cannon
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REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210


William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: 1999-0136
Revision No.: 2
Date of Last Revision: 03/01/2001

State: Texas

Area: Texas County of Harris

Employed on NASA contract (s) for base operations support services.

Collective Bargaining Agreement between BRSP (Logistics and Transportation) and Teamsters Local Union No. 968 effective December 16, 2000 through December 15, 2003.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

ECONOMIC TERMS OF
COLLECTIVE BARGAINING AGREEMENT (CBA)
BETWEEN
BRSP
AND
TEAMSTERS, LOCAL 968
(TRANSPORTATION)

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The following pages are taken from the above referenced CBA to assist contractors in proposal preparation. The pages pertain to a sampling of the economic terms (wages and fringe benefits) of the agreement. It is the contractors' responsibility to review the CBA in its entirety to ensure that the proper wages and benefits are proposed. Failure by this Agency to include any job classification, wage rate, or fringe benefit encompassed in the CBA does not relieve the terms of the CBA insofar as wages and fringe benefits are concerned. A copy of the CBA is available in the JSC Scientific and Technical Information Center.

AGREEMENT
BETWEEN
BRSP
(TRANSPORTATION)
AND
TEAMSTERS
LOCAL UNION NO. 968

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EFFECTIVE: December 16, 2000

EXPIRES: December 15, 2003

**ARTICLE 3
RECOGNITION**

The Company hereby agrees to recognize the Union as the exclusive representative with respect to wages, hours and working conditions of the Bargaining Unit of Company employees performing the following: All Truck Drivers, Helpers and Warehouse persons as defined in the wage schedule attached hereto employed at its Johnson Space Center and Ellington Field Locations in Houston, Harris, Texas.

It is understood that all other employees of the Company are excluded from coverage by this Agreement, and the term "employee" as used herein shall mean only those employees included in the Bargaining Unit described above.

**ARTICLE 10
WAGE RATES**

Section 1. The Wage Schedule attached hereto and made a part hereof represents the Wage Rates effective June 1, 2001, June 1, 2002 and June 1, 2003, respectively.

Section 2. Changes in wage rates due to Promotions.

Employees will at the time of promotion be brought to the new job rate in accordance with their seniority and the appropriate schedule.

Section 3. Temporary Assignments.

Any employee temporarily assigned to a higher job classification shall receive the higher rate of pay for time actually worked in the higher classification. This provision shall not apply unless the period of assignment is for more than one (1) hour. An employee temporarily assigned to work in a lower job classification shall suffer no loss in pay. This provision shall not apply if any employee is permanently assigned to a lower job classification rather than selecting layoff. Seniority shall apply to all assignments for any period that exceeds one (1) hour to the qualified employees.

ARTICLE 13
GROUP INSURANCE

Section 1. The Company will provide its employees with group insurance coverage that is equal to the present coverage. The Company reserves the right to determine the insurance carrier and may from time to time change carriers.

An outline of the provisions of the group insurance plan will be provided to the covered employees.

Section 2. Employees may opt to be covered by the Company sponsored Insurance Plan provided for in Section 1 above. Covered employees will be required to make a Co-payment of ten dollars (\$10.00) each calendar week which shall be deducted by the Company from each employees wages. If an employee elects to withdraw from coverage by the plan, such employee may do so after a two-week written notice to the Company. The effective date of the withdrawal shall be the last workday of the current month.

Section 3. Employees desiring to opt out of the group insurance plan shall not be required to make co-payment contributions to such plan and will not receive compensation in lieu of plan participation. After an employee has withdrawn his/her participation from the plan he/she will be readmitted to the plan after he/she has complied with the insurance company's re-admittance requirements. Request for re-admittance to the plan shall be acted upon within one (1) month of receipt of the employees written request for re-admittance.

**ARTICLE 14
HOLIDAYS**

Section 1. The following days are recognized by the Company as holidays.

New Year's Day	Labor Day
Martine Luther King Jr.'s Birthday	Columbus Day
President's Birthday	Veteran's Day
Memorial Day	Thanksgiving Day
Independence Day	Christmas Day

If the number of paid holidays observed by JSC under existing policy are increased in number, such additional holiday(s) shall be recognized and paid for in accordance with this Agreement. This provision also applies to all hours observed by JSC as time off with pay. Employees will be entitled to two (2) additional holidays with pay (employees anniversary date of employment and employees birthday) both to be recognized as unassigned. An employee desiring to take these holidays is required to notify the company one week in advance.

Section 2. Holidays recognized by JSC will be observed in accordance with JSC policy.

Section 3. Holidays not worked.

(a) An employee who is (on a five (5) day eight (8) hour per day work week and) not required to work on a day observed as a holiday will receive eight (8) hours pay at his/her straight time rate of pay. An employee who is (on a non five (5) day eight (8) hour per day work week) not required to work on a day observed as a holiday will receive pay at his/her straight time of pay provided for in the settlement reached in accordance with Section 7 of this Article.

(b) Notwithstanding the language in this Section, to be eligible to be paid for holiday pay an employee must meet the following requirements.

(1) Has worked all his/her scheduled hours on the last workday before the day observed as the holiday and on his/her first scheduled workday after the day observed as the holiday, or was excused by the Company to be off work on such days.

(2) Is not on a Company paid leave of absence

(3) Is not receiving workmen's compensation benefits.

(4) Has been on the Company's payroll for a period of at least sixty (60) days

Section 4. Off Duty Holidays.

An employee, who is off on a holiday for a bonafide reason or is excused by the Company, will be compensated for holiday pay at the straight time rate of pay.

Section 5. Holidays Worked

An employee required to work on a Company recognized holiday, will be paid at the rate of time and one-half (1 ½) the base hourly rate for all hours worked on the holiday plus his/her holiday pay. An employee who is assigned to work on a holiday, and who fails to do so, will not receive holiday pay.

Section 6. Holidays During Vacations.

When a paid holiday occurs during the course of an employee's vacation, the Company shall designate the day prior to or the day following the vacation as an additional day off, except where the employee and the Company agree he shall take another day.

Section 7. Holiday Miscellaneous.

The parties shall meet to agree upon language to cover holidays affected by work schedules which may be different than the traditional five (5) days eight (8) hour week. The primary purpose of the parties is to agree upon a holiday schedule that will allow the Company to comply with NASA and/or EPA requirements. In such cases the hours paid for holidays shall be adjusted to conform to such work schedules.

**ARTICLE 15
LEAVE OF ABSENCE**

Section 1. Personal Leave of Absence

(a) The nature of the Company's business requires employees to be available for work at all times in order to meet operating requirements. Therefore, leave of absence for personal reasons shall not be granted except in cases of urgent personal need. It is understood that the Company is not obligated, under any circumstance to grant a request for a leave of absence for personal reasons. Request for a leave under this section must be submitted in writing by the requesting employee to his/her supervisor, at least twenty-four hours before such leave is to begin, a copy of an approved leave will be sent to the Union.

(b) Personal leaves of absence when granted by the Company will be without pay. During such leave, seniority will continue to accrue up to three (3) months during a leave of absence.

(c) The employee will be required to notify the Company at least five (5) working days prior to returning to work.

Section 2. Military Service Leave.

An employee of the Company who shall have been called, or volunteers for military service in any branch of the United States Armed Forces when the United States is at war or during any declared National emergency in peace time, and who has been placed on leave for same, who receives a certificate that he has satisfactorily completed his/her period of training and service in such military service makes application for reemployment within ninety (90) days after he is relieved from such training and service, will be reinstated in the position held by such employee at the time of entering such service, or to a position of like status, and pay, provided that under normal working conditions, such employee would have been employed by the Company except for such military service, and is not physically or otherwise incapacitated from performing his usual work in such previously held position. In the event that there is a statute fixing and declaring the rights and responsibilities of any employer or an employee in any such case, such statutory provision shall supersede this paragraph and thereafter this paragraph shall have no further force and effect.

Section 3. Military Training Leave

An employee whose term of service in accordance with this Agreement, is at least six (6) months and who is called to serve in a reserve component of the Armed Forces of the United States, including the National Guard, for annual training usually a period of two (2) weeks, will receive the difference in his/her base forty (40) hour rate of pay and the pay he/she receives from the military up to a maximum of two (2) weeks once each calendar year. In order to receive this benefit, the employee must submit a copy of his/her official orders and an authorized accounting of his/her military pay. Time spent at such reserve training will count as hours worked towards vacation eligibility.

Section 4. Funeral Leave.

(a) Employee's with sixty days or more of continuous employment shall be eligible to receive pay at their straight time hourly rate for up to four (4) days during their basic work week schedule in the event of death in their immediate family. The number of hours per day shall not exceed the number of hours in their basic workday schedule. (Payment shall be made only when absence is taken for the purpose of attending, or attending and making arrangements for the funeral). For purposes of this payment, the immediate family includes the employee's parents, children, brothers, sisters, grandparents, spouse, spouse's parents, employee's brother-in-law and sister-in-law.

(b) If an employee on the active payroll of the Company dies and the family of such deceased employee makes an appropriate request to the Company, the Company will release up to two (2) employees for a period not to exceed four (4) hours with pay at the base hourly rate to act as pallbearer at the funeral, of such employee, unless unusual circumstances, requiring company approval for a longer period of time exist.

Section 5. Maternity Leave.

If an employee requests a leave of absence because of pregnancy, the employee will be entitled to reinstatement in her existing job and replacement during her absence will be arranged on a temporary basis, provided the following conditions are met:

(a) The employee is a regular full-time employee.

(b) A statement from the employee's physician is provided establishing the date that the employee should cease work from a medical point of view and a reasonable expected date of medical release to return to work.

(c) The employee obtains a release from her physician and returns to work within five (5) days of release.

Section 6. Family and Medical Leave Act (FMLA)

Employees approved by the Company to be off to attend a family member in accordance with FMLA shall be eligible to receive pay for unused unassigned holidays and vacation that the employee was eligible for prior to the start of such leave.

Employees approved by the Company to be off in accordance with FMLA for personal illness or off the job injury, shall be eligible to receive pay for unused sick leave days, unused unassigned holidays, and unused vacation that the employee was eligible for prior to the start of such leave.

Paid leave must be requested by the employee and will count against the total FMLA leave period.

Circumstances not covered in this section shall be subject to the terms of FMLA.

ARTICLE 16
JURY DUTY

Section 1. An employee with sixty (60) days or more of service who is called for or performs jury duty will be compensated by the Company for the straight-time hours he/she was thereby required to lose from his/her regular work schedule, but not to exceed five (5) eight (8) hour days per week, computed at his/her base hourly rate. The employee will also retain all fees received as a result of serving on Jury Duty.

Section 2. An employee temporarily excused from court during his/her regularly scheduled working hours shall report of work, provided that at least three (3) hours of his/her regular shift can be worked.

Section 3. Payment shall be made so long as such jury duty continues, only upon presentation of proof of jury duty.

**ARTICLE 21
SICK LEAVE**

Section 1. All full-time employees shall be eligible to receive pay due to sickness or accident on the following basis:

(a) Less than one (1) year service. Employees shall accrue eight (8) hours for each month of completed service, up to at least ninety-six (96) hours per year, until such employee has completed one (1) year (twelve (12) months) of service.

(b) Beginning the second year. One each anniversary date, thereafter, beginning with the second anniversary date eligible employees are entitled to a sickness and accident allowance of ninety-six (96) hours.

(c) Thirty (30) days but less than one hundred eighty (180) days of service. Employees are eligible to receive pay after a waiting period of one (1) working day without pay for each absence due to sickness or an accident.

(d) One hundred eighty (180) days of service or more. Employees are eligible to receive pay commencing the first day of each absence due to sickness or an accident.

(e) Eligibility. In order to be eligible to accrue sick leave allowance for any month, an employee must work at least 50% of the regular hours available for the month or be eligible to receive and have received Company pay for days off.

(f) Sick pay shall not duplicate any other Company pay.

Section 2. The employee will notify or have someone notify his/her immediate supervisor on the first day of absence, stating the nature of illness or injury and the anticipated date of his/her return to work. The employee will keep the Company informed of any changes in his anticipated date of return to work.

Section 3. The Company shall have the right to require such appropriate proof of illness or injury as it deems desirable.

Section 4. There shall be no payment made in lieu of unused sick leave at any time, nor may sick leave be used for any other purpose than for actual illness, during the employees scheduled work days.

Section 5. Sick leave accrued for any employee shall not exceed three hundred eighty four (384) hours.

Section 6. Employees may use accrued sick leave, equivalent to two (2) scheduled work days per year for emergency reasons, other than personal illness or injury. The employee will be required to provide the Company with proper notification and such leave will require management approval.

ARTICLE 22
TERMINATION ALLOWANCE

Employees who have twelve (12) months of continuous service and who are laid off for lack of work, shall receive termination pay based upon the following:

(a) Schedule of pay: One (1) year of service but less than two (2) - One (1) week's pay forty (40) hours. Two (2) years of service or more - Two (2) week's pay eighty (80) hours.

(b) An employee shall normally receive two (2) week's notice of lay-off prior to the date of the actual lay-off. When notice is given to an employee, the amount of notice shall be deduced from his termination allowance.

(c) If less than two (2) weeks prior notice is given, up to two (2) weeks termination pay shall be granted as determined above.

ARTICLE 23
VACATIONS

Section 1. An employee on the active payroll prior to June 1 of the current year, will be eligible for vacation in accordance with the following schedule.

(a) Less than seven (7) years - Employees with less than seven (7) years service will receive vacation on a monthly basis at the rate of $\frac{5}{6}$ of a day per month up to a maximum of eighty (80) hours per year.

(b) Seven (7) years or more - Employees with seven (7) years or more of service, but less than fifteen (15) years will receive vacation on a monthly basis at the rate of one and one fourth ($1\frac{1}{4}$) days per month up to a maximum of one hundred twenty (120) hours per year.

(c) Fifteen (15) or more - Employees with fifteen (15) years or more of service but less than twenty (20) years will receive vacation on a monthly basis at the rate of one and two thirds ($1\frac{2}{3}$) days per month up to a maximum of one hundred sixty (160) hours per year.

(d) Twenty (20) years or more - Employees with twenty (20) years or more of service will receive vacation on a monthly basis at the rate of two and one twelfth ($2\frac{1}{12}$) days per month up to a maximum of two hundred (200) hours per year.

Section 2. (a) Employees shall take their vacations within twelve (12) months after June 1, as scheduled by the Company in accordance with operational requirements, with seniority being given consideration insofar as is practical, except if the Company approves a delay of vacation, in which case it must be taken prior to June 1st of the following year.

(b) Active employees must take vacation time off and there shall be no pay in lieu thereof, and no vacation shall be allowed to accumulate from year to year beyond the period of time in (a) above.

Section 3. (a) An employee is laid off or is terminated after having six (6) months of continuous service with the Company shall receive the vacation pay for which he/she is eligible at the time of lay-off, less any vacation pay which may have been taken under Section 1. Eligible time will be determined based upon the provisions of Section 1 of this article. An employee must work at least 50% of the regular hours available for the month or be eligible to receive and have received Company pay for days off, in order to be eligible to accrue vacation allowance for that month.

(b) An employee who is recalled from lay-off, after having received vacation pay at the time of lay-off, shall be eligible for vacation on the next June 1, based only upon his service from time of recall. The computation will be based upon the provisions of Section 1 of this Article. In no event will the vacation time under Section 3(a) and Section 3(b) exceed the maximum allowance under Section 1.

Section 4. Holiday during vacation.

Whenever a paid holiday occurs during the course of an employee's vacation, the Company shall designate the day prior to or the day following the vacation as an additional day off, except where the employee and the Company agree he shall take another day.

Section 5. Request for vacation pay.

Provided the employee makes proper prior request to the Company, he will receive his vacation pay on his last scheduled work day prior to the beginning of the vacation.

**ARTICLE 30
SAVINGS AND RETIREMENT PLAN**

Section 1. Effective December 16, 2000 through May 31, 2001, the Company shall contribute to a fund, which is to be administered through the Trust Fund Agreement and Declaration of trust of the Southern States Savings and Retirement plan, the sum of twelve (12) dollars per week for each regular full time employee covered by this Agreement. Effective June 1, 2001, the Company shall contribute to the fund the sum of twenty (20) dollars per week for each regular full-time employee covered by this agreement. Casual employees shall not be covered by the provisions of this Article

Section 2. By the execution of this Agreement, the Company authorizes the Employers Association which are parties hereto to enter into appropriate trust agreements necessary to the administration of such fund, and to designate the Company Trustees under such agreement, hereby waiving all notice thereof and ratifying all actions under such Trustees within the scope of their authority.

Section 3. If an employee is injured on the job, the Company will continue to make the contribution set forth in Section 1 above. Such contributions shall not be paid by the Company for a period of more than twelve (12) weeks

Section 4. If an employee is granted a leave of absence the Company shall arrange to collect from said employee, sufficient monies to pay the required contributions into the fund during the period of absence.

Section 5. Contributions shall be paid to the fund monthly by the Company for each regular full time employee.

Section 6. Employees may elect to contribute twenty-five (25) percent, fifty (50) percent, seventy-five (75) percent or one hundred (100) percent in addition to the Company contributions.

Section 7. All contributions shall be remitted to the trust by the tenth (10) day of the following month.

**TRANSPORTATION WAGE SCHEDULE
EFFECTIVE JUNE 1, 2001**

<u>Job Title</u>	<u>Start</u>	<u>60 Days</u>	<u>6 Months</u>	<u>1 Year</u>
Tractor-Trailer Driver	8.85	9.89	11.01	11.80
Bobtail Driver	8.85	9.89	11.01	11.80
Quick Dispatch Driver	8.85	9.89	11.01	11.80
Forklift Operator	8.85	9.89	11.01	11.80
Crater & Flight Packer	8.85	9.89	11.01	11.80
Helper	8.16	9.31	10.07	11.01
Flight Packing Specialist (Lead)	12.40 (Single Rate Classification)			

**TRANSPORTATION WAGE SCHEDULE
EFFECTIVE JUNE 1, 2002**

<u>Job Title</u>	<u>Start</u>	<u>60 Days</u>	<u>6 Months</u>	<u>1 Year</u>
Tractor-Trailer Driver	9.25	10.29	11.41	12.20
Bobtail Driver	9.25	10.29	11.41	12.20
Quick Dispatch Driver	9.25	10.29	11.41	12.20
Forklift Operator	9.25	10.29	11.41	12.20
Crater & Flight Packer	9.25	10.29	11.41	12.20
Helper	8.56	9.71	10.47	11.41
Flight Packing Specialist (Lead)	12.80 (Single Rate Classification)			

**TRANSPORTATION WAGE SCHEDULE
EFFECTIVE JUNE 1, 2003**

<u>Job Title</u>	<u>Start</u>	<u>60 Days</u>	<u>6 Months</u>	<u>1 Year</u>
Tractor-Trailer Driver	9.60	10.64	11.76	12.55
Bobtail Driver	9.60	10.64	11.76	12.55
Quick Dispatch Driver	9.60	10.64	11.76	12.55
Forklift Operator	9.60	10.64	11.76	12.55
Crater & Flight Packer	9.60	10.64	11.76	12.55
Helper	8.91	10.06	10.82	11.76
Flight Packing Specialist (Lead)	13.15 (Single Rate Classification)			

Employees completing five (5) years continuous services will receive a ten (.10) cent per hour premium

Tractor-Trailer Drivers shall be paid (.40) cent per hour premium.

Cylinder Truck Drivers and Cylinder Helpers shall be paid a fifteen (.15) cent per hour premium.

The Company shall continue to pay total cost of sufficient uniforms, as long as the Company requires employees to be in uniform.

**LETTER OF UNDERSTANDING
BETWEEN BRSP AND TEAMSTERS, LOCAL UNION NO. 968**

It is agreed and understood between the two parties that any Teamsters work performed at NASA for maintenance and operations (M&O) will be performed under the GPPMA (General Presidents' Project Maintenance Agreement). Any work performed alongside any Building & Trades Craft will be paid at the GPPMA rate of pay. If specific situations exist that necessitates using personnel on the Logistic and Transportation side to perform work for M&O, employees will suffer no loss of fringe benefits, and receive the GPPMA rate of pay. This may only be done if this local Union agrees and will be limited to eight hours per week.

Effective Date: April 1, 1997

FOR BRSP:

[Signature]
[Signature]
[Signature]
[Signature]

FOR THE UNION:

A. W. Parker
Greg Cann
[Signature]
[Signature]

Davis Bacon General Wage Decision
Harris County, TX
Construction Type: Building
TX010010 dated 07/06/01

The following pages reflect the wages and fringe benefit requirements for new construction work performed on this contract. If new modifications are made to this General Decision by the Department of Labor, those modifications will be incorporated into the RFP by amendment.

GENERAL DECISION **TX010010** 07/06/01 TX10
General Decision Number **TX010010**

Superseded General Decision No. TX000010

State: TEXAS

Construction Type:
BUILDING

County(ies):
GALVESTON HARRIS

BUILDING CONSTRUCTION PROJECTS (does not include single family homes & apartments up to & including 4 stories). (Use current highway general wage determination for Paving & Utilities incidental to Building Construction for Galveston (excluding Galveston Island) & Harris Cos.) (DOES NOT APPLY TO ANY WORK ON TREATMENT PLANT SITES IN HARRIS CO.)

Modification Number	Publication Date
0	03/02/2001
1	04/13/2001
2	05/11/2001
3	07/06/2001

COUNTY(ies):
GALVESTON HARRIS

ASBE0022A 06/01/1999

	Rates	Fringes
INSULATOR/ASBESTOS WORKERS (includes application of all insulating materials, protec- tive coverings, coatings and finishing to all types of mechanical systems)	17.59	5.75

BRTX0001A 11/01/1999

	Rates	Fringes
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GALVESTON COUNTY

BRICKLAYERS & STONEMASONS	16.05	3.05
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BRTX0007A 01/01/1999

	Rates	Fringes
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HARRIS COUNTY

BRICKLAYERS & STONEMASONS	15.55	4.65
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* ELEV0031A 06/29/2001

	Rates	Fringes
ELEVATOR MECHANICS	22.99	7.195+a

FOOTNOTES:

a.- Employer contributes 8% of basic hourly rate for over 5 years' service and 6% of basic hourly rate for 6 months to 5 years' service as Vacation Pay Credit. Paid Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Friday after Thanksgiving Day; Christmas Day.

 ENGI0450E 04/01/2001

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		

GALVESTON COUNTY

Cranes	19.81	3.89
Forklifts	19.81	3.89

HARRIS COUNTY

Crane	18.34	4.65
Forklifts	18.34	4.65

FOOTNOTE: +1.00 per hour differential paid to all certified tower crane operators and all certified crane operators of 100 tons capacity and over

 IRON0084A 06/01/2000

	Rates	Fringes
IRONWORKERS	17.27	4.20

* PAIN1008A 07/01/2001

	Rates	Fringes
GLAZIERS	17.60	4.59

 PAIN1008D 10/03/1999

	Rates	Fringes
SOFT FLOOR LAYERS	15.30	1.11

 PLAS0079A 04/01/1993

	Rates	Fringes
PLASTERERS	16.55	1.94

 PLUM0068A 04/01/2001

	Rates	Fringes
PLUMBERS	22.73	5.50

 PLUM0211A 04/01/2001

	Rates	Fringes
PIPEFITTERS (including HVAC WORK)	21.71	7.35

SFTX0669A 04/01/2001

	Rates	Fringes
SPRINKLER FITTERS	22.62	7.35

SHEE0054A 04/01/2000

	Rates	Fringes
SHEET METAL WORKERS (Including HVAC Duct Work)	20.15	5.54

SUTX1082A 04/01/1989

	Rates	Fringes
CARPENTERS:		
Excluding Drywall Hangers and Acoustical Ceiling	13.45	2.42
Acoustical Ceiling Installation Only	12.65	
Drywall Hanging Only	10.99	
CEMENT MASONS	13.43	2.18

ELECTRICIANS (Including Low Voltage Work)	14.68	3.83
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LABORERS, Unskilled	7.20	
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PAINTERS (Including Drywall Finishers)	12.02	3.30
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POWER EQUIPMENT OPERATORS:		
Backhoes	11.79	

Front End Loaders	12.17	
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ROOFERS	10.94	
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TILE SETTERS	14.41	
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TRUCK DRIVERS	10.63	
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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional

Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.
END OF GENERAL DECISION

SECTION L

INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFEROR

L.1 DATA UNIVERSAL NUMBERING SYSTEMS (DUNS) NUMBER (FAR 52.204-6) (JUNE 1999)

(a) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" followed by the DUNS number that identifies the offeror's name and address exactly as stated in the offer.

The DUNS number is a nine-digit number assigned by Dun and Bradstreet Information Services.

(b) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one. A DUNS number will be provided immediately by telephone at no charge to the offeror. For information on obtaining a DUNS number, the offeror, if located within the United States, should call Dun and Bradstreet at 1-800-333-0505. The offeror should be prepared to provide the following information:

- (1) Company name.
- (2) Company address.
- (3) Company telephone number.
- (4) Line of business.
- (5) Chief executive officer/key manager.
- (6) Date the company was started.
- (7) Number of people employed by the company.
- (8) Company affiliation.

(c) Offerors located outside the United States may obtain the location and phone number of the local Dun and Bradstreet Information Services office from the Internet home page at <http://www.customerservice@dnb.com>. If an offeror is unable to locate a local service center, it may send an e-mail to Dun and Bradstreet at globalinfo@mail.dnb.com.

(End of provision)

L.2 NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE USE (FAR 52.211-14) (SEP 1990)

Any contract awarded as a result of this solicitation will be a DO-rated order certified for national defense used under the Defense Priorities and Allocations System (DPAS)(15 CFR Part 700); and the Contractor will be required to follow all of the requirements of this regulation.

(End of provision)

**L.3 INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION (FAR 52.215-1)
(FEB 2000)(ALTERNATE I) (OCT 1997)**

(a) Definitions. As used in this provision--

"Discussions" are negotiations that occur after establishment of the competitive range that may, at the Contracting Officer's discretion, result in the offeror being allowed to revise its proposal.

"In writing" or "written" means any worded or numbered expression which can be read, reproduced, and later communicated, and includes electronically transmitted and stored information.

"Proposal modification" is a change made to a proposal before the solicitation's closing date and time, or made in response to an amendment, or made to correct a mistake at any time before award.

"Proposal revision" is a change to a proposal made after the solicitation closing date, at the request of or as allowed by a Contracting Officer as the result of negotiations.

"Time," if stated as a number of days, is calculated using calendar days, unless otherwise specified, and will include Saturdays, Sundays, and legal holidays. However, if the last day falls on a Saturday, Sunday, or legal holiday, then the period shall include the next working day.

(b) Amendments to solicitations. If this solicitation is amended, all terms and conditions that are not amended remain unchanged. Offerors shall acknowledge receipt of any amendment to this solicitation by the date and time specified in the amendment(s).

(c) Submission, modification, revision, and withdrawal of proposals. (1) Unless other methods (e.g., electronic commerce or facsimile) are permitted in the solicitation, proposals and modifications to proposals shall be submitted in paper media in sealed envelopes or packages (i) addressed to the office specified in the solicitation, and (ii) showing the time and date specified for receipt, the solicitation number, and the name and address of the offeror. Offerors using commercial carriers should ensure that the proposal is marked on the outermost wrapper with the information in paragraphs (c)(1)(i) and (c)(1)(ii) of this provision.

(2) The first page of the proposal must show--

(i) The solicitation number;

(ii) The name, address, and telephone and facsimile numbers of the offeror (and electronic address, if available);

(iii) A statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation and agreement to furnish any or all items upon which prices are offered at the price set opposite each item;

(iv) Names, titles, and telephone and facsimile numbers (and electronic addresses if available) of persons authorized to negotiate on the offeror's behalf with the Government in connection with this solicitation; and

(v) Name, title, and signature of person authorized to sign the proposal. Proposals signed by an agent shall be accompanied by evidence of that agent's authority, unless that evidence has been previously furnished to the issuing office.

(3) Submission, modification, revision, and withdrawal of proposals.

- (i) Offerors are responsible for submitting proposals, and any modifications or revisions, so as to reach the Government office designated in the solicitation by the time specified in the solicitation. If no time is specified in the solicitation, the time for receipt is 4:30 p.m., local time, for the designated Government office on the date that proposal or revision is due.
- (ii)(A) Any proposal, modification, or revision received at the Government office designated in the solicitation after the exact time specified for receipt of offers is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late offer would not unduly delay the acquisition; and--
- (1) If it was transmitted through an electronic commerce method authorized by the solicitation, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of proposals; or
- (2) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of offers and was under the Government's control prior to the time set for receipt of offers; or
- (3) It is the only proposal received.
- (B) However, a late modification of an otherwise successful proposal that makes its terms more favorable to the Government will be considered at any time it is received and may be accepted.
- (iii) Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the proposal wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.
- (iv) If an emergency or unanticipated event interrupts normal Government processes so that proposals cannot be received at the office designated for receipt of proposals by the exact time specified in the solicitation, and urgent Government requirements preclude amendment of the solicitation, the time specified for receipt of proposals will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.
- (v) Proposals may be withdrawn by written notice received at any time before award. Oral proposals in response to oral solicitations may be withdrawn orally. If the solicitation authorizes facsimile proposals, proposals may be withdrawn via facsimile received at any time before award, subject to the conditions specified in the provision at 52.215-5, Facsimile Proposals. Proposals may be withdrawn in person by an offeror or an authorized representative, if the identity of the person requesting withdrawal is established and the person signs a receipt for the proposal before award.
- (4) Unless otherwise specified in the solicitation, the offeror may propose to provide any item or combination of items.
- (5) Offerors shall submit proposals in response to this solicitation in English, unless otherwise permitted by the solicitation, and in U.S. dollars, unless the provision at FAR 52.225-17, Evaluation of Foreign Currency Offers, is included in the solicitation.
- (6) Offerors may submit modifications to their proposals at any time before the solicitation closing date and time, and may submit modifications in response to an amendment, or to correct a mistake at any time before award.
- (7) Offerors may submit revised proposals only if requested or allowed by the Contracting Officer.

(8) Proposals may be withdrawn at any time before award. Withdrawals are effective upon receipt of notice by the Contracting Officer.

(d) Offer expiration date. Proposals in response to this solicitation will be valid for the number of days specified on the solicitation cover sheet (unless a different period is proposed by the offeror).

(e) Restriction on disclosure and use of data. Offerors that include in their proposals data that they do not want disclosed to the public for any purpose, or used by the Government except for evaluation purposes, shall--

(1) Mark the title page with the following legend:

This proposal includes data that shall not be disclosed outside the Government and shall not be duplicated, used, or disclosed--in whole or in part--for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this offeror as a result of--or in connection with--the submission of this data, the Government shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Government's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in sheets [insert numbers or other identification of sheets]; and

(2) Mark each sheet of data it wishes to restrict with the following legend:

Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal.

(f) Contract award. (1) The Government intends to award a contract or contracts resulting from this solicitation to the responsible offeror(s) whose proposal(s) represents the best value after evaluation in accordance with the factors and subfactors in the solicitation.

(2) The Government may reject any or all proposals if such action is in the Government's best interest.

(3) The Government may waive informalities and minor irregularities in proposals received.

(4) The Government intends to evaluate proposals and award a contract after conducting discussions with offerors whose proposals have been determined to be within the competitive range. If the Contracting Officer determines that the number of proposals that would otherwise be in the competitive range exceeds the number at which an efficient competition can be conducted, the Contracting Officer may limit the number of proposals in the competitive range to the greatest number that will permit an efficient competition among the most highly rated proposals. Therefore, the offerors initial proposal should contain the offeror's best terms from a price and technical standpoint.

(5) The Government reserves the right to make an award on any item for a quantity less than the quantity offered, at the unit cost or prices offered, unless the offeror specifies otherwise in the proposal.

(6) The Government reserves the right to make multiple awards if, after considering the additional administrative costs, it is in the Government's best interest to do so.

(7) Exchanges with offerors after receipt of a proposal do not constitute a rejection or counteroffer by the Government.

(8) The Government may determine that a proposal is unacceptable if the prices proposed are materially unbalanced between line items or subline items. Unbalanced pricing exists when, despite an acceptable total evaluated price, the price of one or more contract line items is significantly overstated or understated as indicated by the application of cost or price analysis techniques. A proposal may be rejected if the Contracting Officer determines that the lack of balance poses an unacceptable risk to the Government.

(9) If a cost realism analysis is performed, cost realism may be considered by the source selection authority in evaluating performance or schedule risk.

(10) A written award or acceptance of proposal mailed or otherwise furnished to the successful offeror within the time specified in the proposal shall result in a binding contract without further action by either party.

(11) The Government may disclose the following information in postaward debriefings to other offerors:

(i) The overall evaluated cost or price and technical rating of the successful offeror;

(ii) The overall ranking of all offerors, when any ranking was developed by the agency during source selection;

(iii) A summary of the rationale for award; and

(iv) For acquisitions of commercial items, the make and model of the item to be delivered by the successful offeror.

(End of provision)

L.4 REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA (FAR 52-215-20)(ALTERNATE IV) (OCT 1997)

(a) Submission of cost or pricing data is not required.

(b) Refer to Section L Part II for specific price proposal instructions.

(End of provision)

L.5 PREAWARD ON-SITE EQUAL OPPORTUNITY COMPLIANCE EVALUATION (FAR 52.222-24) (FEBRUARY 1999)

If a contract in the amount of \$10 million or more will result from this solicitation, the prospective Contractor and its known first-tier subcontractors with anticipated subcontracts of \$10 million or more shall be subject to a preaward compliance evaluation by the Office of Federal Contract Compliance Programs (OFCCP), unless, within the preceding 24 months, OFCCP has conducted an evaluation and found the prospective Contractor and subcontractors to be in compliance with Executive Order 11246.

(End of provision)

L.6 SERVICE OF PROTEST (FAR 52.233-2) (AUG 1996)

(a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the General Accounting Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from:

Hand-Carried Address:
Charles C. Bell
Building 416N

Mailing Address:
NASA Lyndon B. Johnson Space Center
Attn: SEB 416/Charles C. Bell
2101 NASA Road One
Houston, TX 77058

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

(End of provision)

L.7 PROPOSAL PAGE LIMITATIONS (NASA 1852.215-81) (FEB 1998)

(a) The following page limitations are established for each portion of the proposal submitted in response to this solicitation.

Proposal Section Volume	Proposal Section	Page Limit
I	Management	125
II	Technical	100
III	Past Performance	N/A
IV	Cost/Price	N/A
Total Volume I, and II		225

(b) A page is defined as one side of a sheet, 8 1/2" x 11", with at least one inch margins on all sides, using not smaller than 12 point type, Arial font. Foldouts count as an equivalent number of 8 1/2" x 11" pages. The metric standard format most closely approximating the described standard 8 1/2" x 11" size may also be used.

(c) Title pages, tables of contents, RFP Form 1, RFP Form 2, letters of commitment, the Safety and Health Plan, the Quality Control Plan, the Environmental Compliance, the NASA Plan for Small Business Subcontracting, the Labor Relations Plan, and the completed Section K representations and certifications are excluded from the page counts specified in paragraph (a) of this provision. In addition, the Price section of your proposal is not page limited. However, this section is to be strictly limited to cost and price information. Information that can be construed as belonging in one of the other sections of the proposal will be so construed and counted against that section's page limitation.

(d) If final revisions are requested, separate page limitations will be specified in the Government's request for that submission.

(e) Pages submitted in excess of the limitations specified in this provision will not be evaluated by the Government and will be returned to the offeror.

(End of provision)

L.8 SAFETY AND HEALTH PLAN (NASA 18-52.223-73) (MAY 2001)

The offeror shall submit a detailed safety and occupational health plan as part of its proposal (see NPG 8715.3, NASA Safety Manual, Appendix H). The plan must include a detailed discussion of the policies, procedures, and techniques that will be used to ensure the safety and occupational health of contractor employees and to ensure the safety of all working conditions throughout the performance of the contract. The plan must similarly address safety and occupational health for subcontractor employees for any proposed subcontract whose value is expected to exceed \$500,000, including commercial services and services provided in support of a commercial item. Also, when applicable, the plan must address the policies, procedures, and techniques that will be used to ensure the safety and occupational health of: (1) the public, (2) astronauts and pilots, (3) the NASA workforce (including contractor employees working on NASA contracts), and (4) high-value equipment and property. This plan, as approved by the Contracting Officer, will be included in any resulting contract.

(End of provision)

L.9 PROTESTS TO NASA (NASA 18-52.233-70) (MARCH 1997)

Potential bidders or offerors may submit a protest under 48 CFR part 33 (FAR Part 33) directly to the Contracting Officer. As an alternative to the Contracting Officer's consideration of a protest, a potential bidder or offeror may submit the protest to the Deputy Associate Administrator for Procurement, who will serve as or designate the official responsible for conducting an independent review. Protests requesting an independent review shall be addressed to Deputy Associate Administrator for Procurement, NASA Code H, Washington, DC 20546-0001.

(End of provision)

L.10 CONTRACT AWARD QUANTITIES (JSC 52.215-91) (JAN 2000)

Proposals for quantities less than specified in the solicitation will not be considered for award (Reference paragraph (c)(4) of solicitation provision 52.215-1 Instruction to Offerors—Competitive Acquisitions).

(End of clause)

L.11 COMMUNICATIONS REGARDING THIS SOLICITATION (JSC 52.215-105) (DEC 1999)

Any communications in reference to this solicitation shall cite the solicitation number and be directed to the following Government representative:

Name: Charles C. Bell
Phone: 281-483-1372
(collect calls not accepted)

Address: NASA Johnson Space Center
Attn: Charles C. Bell
Mail Code: SEB 416
2101 NASA Road 1

QUESTIONS REGARDING THIS SOLICITATION MUST BE PRESENTED IN WRITING and should be submitted to the above address within 10 days of the Request for Proposal (RFP) issue date in order that answers may be obtained and disseminated in a timely manner, since it is not expected that a proposal submission date can be extended. Oral questions are not desirable due to the possibility of misunderstanding or misinterpretation. Questions shall not be directed to the technical activity personnel.

Note: Any written communications should include the mail code on the envelope to expedite processing.

(End of provision)

**L.12 SUBMISSION OF PROPOSALS BY COMMERCIAL CARRIER (JSC 52.215-108)
(SEP 1988)**

Offerors are advised that proposals sent to JSC by commercial carrier (e.g., Federal Express, Purolator, United Parcel Service) are NOT delivered directly to the place designated in the solicitation for submission of proposals. All parcels and packages delivered by commercial carriers are routed to the Transportation Branch in building 420 at JSC. If such a parcel contains on its visible, exterior surface the information required by the "Submission of Offers" provision of this solicitation (i.e., the time specified for receipt, the solicitation number, and the name and address of the offeror), it will be handled on an expedited basis by the Transportation Branch; however, depending on when it is received by the Transportation Branch, it MAY OR MAY NOT be received by the office designated for receipt of proposals by the required time. Transportation Branch personnel will NOT open the commercial carrier's package to determine its contents.

In view of the above, offerors who choose to submit proposals by a commercial carrier should, if they want to have reasonable assurance that their proposals will be timely received at the place designated in the solicitation, do the following:

(a) make sure that the carrier puts the information required by the "Submission of Offers" provision ON THE EXTERIOR OF THE ENVELOPE IN WHICH HE DELIVERS THE PARCEL, and

(b) get the proposal to the carrier in time for it to be delivered to the Transportation Branch at JSC ON THE DAY BEFORE THE SCHEDULED TIME DESIGNATED FOR RECEIPT OF PROPOSALS.

While taking the above steps should normally result in the timely receipt of proposals, offerors are reminded that proposals may be sent by U.S. Mail, and that clear and precise rules regarding the consideration of late submissions are set forth in the solicitation provision titled "LATE SUBMISSIONS, MODIFICATIONS, AND WITHDRAWALS OF PROPOSALS." Offerors are further reminded that it is their responsibility to get their proposals to the designated place on time. Proposals, which are sent by commercial carrier, are considered to be handcarried, and if they are received late at the place designated in the solicitation, they will only be considered if it is shown that the sole or paramount cause for the late receipt was some Government impropriety.

(End of provision)

L.13 OFFEROR ACCEPTANCE PERIOD

Proposals submitted in response to this solicitation shall remain firm for at least 180 days after the date specified for receipt thereof by the Government and shall contain a statement to this effect.

(End of provision)

SECTION L - PART II

INSTRUCTIONS FOR PROPOSAL PREPARATION

NOTE TO OFFERORS: For a better and more complete understanding of this part of Section L, you should also refer to Section M. The instructions in this part of Section L are directly related to the evaluation factors set forth in Section M.

1.0 INTRODUCTION

As detailed in the provision at L.7 entitled "PROPOSAL PAGE LIMITATIONS (NASA 1852.215-81)(FEB 1998)" proposals shall be submitted in four volumes.

Volume	Proposal Section
I	Management
II	Technical
III	Past Performance
IV	Cost/Price

It is NASA's intent, by providing the instructions set forth below, to solicit information that will demonstrate the offeror's competence to successfully complete the requirements specified in the Statement of Work (SOW), to determine its capability to successfully accomplish the effort defined therein, and to permit a competitive evaluation of its proposal. Generally, the proposal should:

- a. demonstrate understanding of the overall and specific requirements of the proposed contract;
- b. convey the company's capabilities for transforming understanding into accomplishment;
- c. present in detail, the plans and methods for so doing; and
- d. present, as requested below, the costs/prices associated with so doing.

In the event that other organizations are proposed as being involved in conducting this work, their relationships during the effort shall be explained and their proposed contributions to the work shall be identified and integrated into each part of the proposal, as appropriate.

2.0 GENERAL

Offerors shall provide twenty (20) copies of Volumes I and II, 15 copies of Volume III, and five (5) copies of Volume IV. In addition, offerors shall provide two (2) copies of their entire proposals electronically on CD ROM. As provided for in the provision at L.7, RFP Form 1, RFP Form 2, letters of commitment, the Safety and Health Plan, the Quality Control Plan, the Environmental Compliance Plan, the NASA Plan for Small Business Subcontracting, the Labor Relations Plan, and the completed Section K representations and certifications as well as all cost/price data forms are excluded from the proposal page limitation.

3.0 PERIOD COVERED BY PROCUREMENT

This solicitation covers a period of 5 years. For contracting purposes, this total period will be broken down in increments as follows:

<u>Anticipated Calendar Time</u>	<u>Duration</u>	<u>Contractual Coverage</u>
1/31/02 - 3/31/02	60 Days	Phase In
4/1/02 - 3/31/04	2 Years	Base Period
4/1/04 - 3/31/05	1 Year	Firm Option
4/1/05 - 3/31/06	1 Year	Firm Option
4/1/06 - 3/31/07	1 Year	Firm Option

Offerors shall submit firm cost/price proposals for each of the 5 years of the procurement and phase in. More information on preparation of the cost/price proposals is contained later in Section L under instructions relating the cost/price factor.

The options identified above will be exercised only if the requirements of FAR 17.207(c) have first been met. The Government is not obligated to exercise any option if it determines for any reason that doing so is not in its best interest.

4.0 FACILITIES AND GOVERNMENT-PROVIDED PROPERTY AND SERVICES

4.1 Government-Provided Property and Services

Services and property to be furnished by the Government for use on the proposed contract are as set forth in Section G, JSC Alternate I to NASA Clause 18-52.245-77, LIST OF INSTALLATION PROVIDED PROPERTY AND SERVICES and NASA 1852.245-76 LIST OF GOVERNMENT-FURNISHED PROPERTY.

5.0 PROPOSAL CONTENT

Offerors are requested to provide information responsive to the items set forth below. This information is considered essential for the Government to conduct a fair and uniform evaluation of proposals in accordance with the evaluation factors and subfactors provided in Section M. The items listed are not, however, all-inclusive, and offerors should therefore include in their proposals any further discussion that they believe to be necessary or useful in demonstrating their ability to understand and perform the work under the contemplated contract.

5.1 VOLUME I – MANAGEMENT

A. Safety and Health Plan

A Safety and Health Plan, prepared in accordance with the requirements of DRD No. SA-1-1, is to be submitted with your proposal. The plan is to include a detailed discussion of the policies, procedures, and techniques that will be used to ensure the safety and health of your employees (and subcontractor employees, if a subcontracting arrangement is proposed) and to ensure the safety of all working conditions throughout the performance of the contractual effort.

B. NASA Plan for Small Business Subcontracting Goals

For purposes of FAR clause 52.219-9, the terms, "HUBZone Small Business Concern," "Small Disadvantaged Business Concern," "Veteran-Owned Small Business

Concern," and Women-Owned Small Business Concern" are defined in paragraph 2.101 of the Federal Acquisition Regulation.

The total subcontracting goal expressed, as a percent of total contract value, is 36 percent. The percentage goal, (36 percent), includes the following goals expressed as a percent of total contract value:

Small Disadvantaged Business Concerns,	_____ 17.0 percent;
Women-Owned Small Business Concerns,	_____ 6.0 percent;
HUBZone Small Business Concerns,	_____ 2.0 percent;
Veteran-Owned Small Business Concerns,	_____ 0.25 percent.

C. Management Approach

(1) Quality Control

Describe the quality control policies, standards, procedures, and techniques that you propose to use to ensure quality control through the contract. Describe your implementation plan to acquire your ISO 9001-2000 certification within one year. Fully explain your rationale for the approaches proposed. Provide a draft Quality Control Plan that addresses the requirements outlined in DRD No. AN-1-2, plus any other items you consider important.

(2) Environmental Compliance

Describe the policies, standards, procedures, and techniques you shall use to ensure compliance with all environmental contract requirements. Fully explain the rationale for the approaches proposed. Provide a draft Environmental Compliance Plan that addresses the requirements outlined in DRD No. AN-9-1, plus any other items you consider important.

(3) Phase-in (Transition)

A phase-in period is anticipated during which staffing buildup, training and gradual assumption of responsibilities will transpire during 60 days prior to contract start. Each offeror shall provide the information requested in the following paragraphs relative to the proposed phase-in plan.

a. Describe in detail your plans for certifying and training your personnel for assuming operational responsibility, including key and critical personnel and functions.

b. Describe in detail the plan for effecting a smooth phase-in without compromising effective and efficient operations at JSC. Provide the management milestones, and all associated schedules that you believe are required from start of phase-in to the full assumption of contract responsibilities. Identify the group of management milestones to be accomplished within the following time intervals: 2/1/02 to 2/14/02, 2/15/02 to 2/28/02, 3/1/02 to 3/14/02, 3/15/02 to 3/31/02.

c. For the four milestone groups, offerors are requested to: (1) provide a detailed plan inclusive of personnel responsible, (2) provide all relevant interim and final schedule dates to be met, and (3) propose objective criteria for the Government to use to determine that the milestone group has been achieved. At a minimum, each phase-in performance milestone described below in paragraphs i. through x should be discussed.

i. Milestone 1: The successful offeror has hired all personnel it proposed as key personnel and all of these personnel are onsite at JSC and performing work. This milestone shall be fully achieved no later than February 15, 2002.

ii. Milestone 2: The successful offeror is able to fully operate the Computerized Maintenance Management System inclusive of: (1) ability to receive work, (2) ability to appropriately dispatch appropriate personnel across a broad range of requirements, and (3) ability to track requests, schedule work, complete tasks, effectively control quality, and document completion. This milestone shall be fully achieved no later than March 15, 2002.

iii. Milestone 3: At least 90% of all personnel proposed to perform all contract requirements have provided written acceptance of firm job offers. This milestone shall be fully achieved no later than March 15, 2002.

iv. Milestone 4: The successful offeror has hired all critical personnel including staffing of operating engineers and other personnel to support Building 48 operations. This milestone shall be fully achieved no later than March 15, 2002.

v. Milestone 5: The successful offeror has subcontracts in place with NASA-approved hazardous waste transportation, treatment-storage-disposal, and recycling subcontractors and has comprehensive ability to manage all wastes. This milestone shall be fully achieved no later than March 31, 2002.

vi. Milestone 6: The successful offeror has identified an emergency spill response team that is properly trained and available. In addition, the successful offeror has all necessary spill response materials on site and in a trailer, including a vehicle to tow it, to any potential spill site. This milestone shall be fully achieved no later than March 31, 2002.

vii. Milestone 7: The successful offeror has implemented an appropriate system to account for all Government furnished property. Furthermore, the successful offeror is prepared to perform an inventory of that property and is prepared to sign for accountability of the property upon completion of the inventory. This milestone shall be accomplished no later than March 31, 2002.

viii. Milestone 8: The successful offeror has completed JSC's clearance and badging as well as training requirements for all personnel necessary to perform the full scope of contract requirements. This milestone shall be fully achieved no later than March 31, 2002.

ix. Milestone 9: the successful offeror has implemented an accounting system fully capable of accurately accounting for actual completion of tasks at the workload unit level for each CLIN identified in the contract as necessary to submit proper invoices and workload metrics. This milestone shall fully achieved no later than March 31, 2002.

x. Milestone 10: The successful offeror has successfully completed all negotiations with any unions representing workers to be used in performance of this contract and has provided the Government with signed copies of all collective bargaining agreements (CBA's). This milestone shall be fully achieved no later than March 31, 2002.

(4) Labor Relations Plan

The offeror shall complete compensation forms (a), (b), (c), and (d) as described in the instructions for preparation of the Cost/Price volume (for contract year 1 only). In addition, the offeror shall submit a complete discussion of the following:

- a. Describe your company history during the past 3 years in working with organized labor. Provide the names of the unions that you have negotiated with, the location of the worksite, how many employees are represented, and the average number of grievances per year that your company receives.
- b. Describe the experience of the proposed person responsible for working labor relations issues within your company; including: (1) the person's experience in negotiating CBA's and resolving grievances;(2) where will that person be located onsite at JSC; and (3) describe how day-to-day issues will be handled.
- c. Describe your company plan with respect to the use of organized labor on this contract. Describe your plan for recognizing the existing CBA's, negotiating new agreements, or complying with the economic terms only and not recognizing the union.
- d. Describe how your proposal is in compliance with all existing wage determinations.
- e. Describe the methods your company plans to use to promote and maintain harmonious labor relations during the transition phase and during contract performance.

(5) Organizational Approach

- a. Describe the proposed organizational structure, including a chart depicting the proposed organization, and provide the rationale for its application to the contract requirements. Discuss the status of formal arrangements with any proposed subcontractors, team members, or joint venture partners.
- b. Describe the communication channels, lines of authority (including the line of succession if Project Manager is unavailable), reporting relationships, and responsibilities of all organizational elements. Include in this discussion any proposed subcontractors, team members, or joint venture partners proposed, to illustrate their relationships within the proposed structure or between the organizational elements and any other proposed subcontractors, team members, or joint venture partners. Describe the reporting responsibilities of the Project Manager to corporate management and the relationship between the Project Manager and the prime offeror's corporate management as well as the management of any proposed subcontractors, team members, or joint venture partners.
- c. Describe the organizational elements within the overall organization considered most critical to satisfactory accomplishment of all performance requirements and provide rationale as to why these are judged most critical within the framework of the overall organization. Provide supporting rationale that demonstrates the proposed organizational approach will ensure success in each of the critical areas identified.

d. Describe the management policies, procedures, and techniques the prime offeror and any proposed subcontractors, team members, or joint venture partners will use to create a single face to the Government (e.g., once a task is assigned to the Center Operations Support Services (COSS) prime offeror, the prime offeror coordinates the work through different functional areas, including any proposed subcontractors, team members, or joint venture partners without Government involvement). Describe how the management policies, procedures, and techniques proposed will be monitored to ensure their effectiveness.

e. Describe any corporate monitoring, oversight, or assistance (e.g., semi-annual reviews of the COSS quality or safety program by the corporate Quality or Safety Offices) you propose to use to compliment performance by the COSS contractor staff. Describe the level at which you intend to implement corporate monitoring, oversight, or assistance (e.g., at the prime contractor level only or inclusive of any proposed subcontractors, team members, or joint venture partners). Describe how implementation will be accomplished.

(6) Key Personnel & Staffing

a. Complete RFP Form 3 for each person proposed to perform the functions of Project Management and for each person directly responsible for managing each Annex of the SOW. The personnel performing these functions are considered key personnel in accordance with the NASA FAR Supplement clause at 1852.235-71.

b. Describe the recruitment and employment methods and policies your company will use to staff your organization. This description should address initial staffing requirements as well as those for the duration of the contract. Provide your rationale for selecting the proposed staffing methods and policies. Include a table of personnel sources, noting the percentage of the total workforce you intend to recruit from the following sources:

- i. Offeror's own resources
- ii. Other divisions of the company
- iii. Incumbent contractors' workforce
- iv. Outside recruitment

If incumbent personnel are being proposed in this proposal, indicate the percentage of personnel anticipated to be retained and compensation information. The percentage of personnel anticipated should be broken down to the following areas at a minimum: exempt, non-exempt non-union, and non-exempt union. The compensation information should address whether the incumbents will be retained at their current rate of pay and whether seniority rights will be maintained for fringe benefits purposes.

c. Describe the initial steps that have been taken regarding recruitment. Submit appropriate substantiating documentation, including letters of commitment to support the offeror's ability to provide those skills defined in Annex 4, personnel requirements including Building 48 operators and operating engineers, as well as the offeror's ability to support activities related to the Center's high voltage electrical system. If letters of commitment cannot be obtained, demonstrate that your total compensation package will be sufficient to retain any incumbent personnel.

d. Describe your training program for new hires. Describe how, once on the job, employee training will be accomplished and monitored. Describe the

minimum qualification standards you will use to determine if an employee is suitable for hire or promotion into a key position.

e. Describe your plan to maintain an experienced workforce while adapting to significant workload fluctuations during periods of increasing or decreasing requirements.

f. Describe effective techniques that will be used to minimize turnover and retain experienced personnel.

g. Describe how you will ensure the availability of personnel for special or emergency tasks during standard and non-standard working hours (e.g. weekends, holidays, and evenings). Describe how you will obtain technical expertise beyond the capabilities of your local JSC organization to resolve critical technical requirements or unique problems.

h. Describe the minimum qualification standards (training, certifications, type and length of experience, etc.) you will use to replace key or critical personnel, if required, during the term of the contract. Provide this information for each key or critical position. Describe how key or critical personnel will be monitored to ensure that they satisfy the minimum qualification standards and how you will determine if the minimum standards are stringent enough. Describe what, if any, policies you proposed to implement to improve the key or critical personnel or the minimum qualification standards over the life of the contract.

5.2 VOLUME II – TECHNICAL PERFORMANCE

A. Understanding of Requirements (General)

(1) Describe the process you will use to monitor, accurately identify, and control risks. Identify those areas of risk you believe should be addressed relative to performance of work under this contract and your plans to mitigate or accept each risk.

(2) Describe how you will ensure the complete success of each special event sponsored by JSC's Center Director (Reference Annex 3.2.3). Describe the oversight, coordination, skills, staffing levels, and physical resources you shall put into place to support real-time, short lead-time requirements before and throughout these events.

(3) Describe the innovative techniques you plan to employ to maximize operational efficiencies and reduce Government inventories at JSC without compromising timely availability of items when required (e.g., JSC currently uses a Just-in-Time (JIT) program for office supplies through a General Services Administration schedule vendor). Provide an explanation of all the specific technologies and/or processes that you will implement. Describe how you will efficiently maintain inventories for critical spare items currently in stock.

(4) Describe the method(s) you will use to provide real-time engineering support in the field to assist craftspeople and superintendents with issues as they occur in various site locations (e.g., operations, maintenance, and repair problems). Describe the engineering resources, capabilities, and tools that you will provide in the field. Describe the process by which the craftspeople and superintendents shall use to call upon this engineering support. Demonstrate that the available resources and proposed process will ensure a timely and adequate engineering solution to support contract requirements. Fully describe the

interrelationship between this engineering support and the engineering support provided in Annex 5.

(5) Describe how you will perform work with other contractors to ensure an integrated, fully-operational Energy Control Management System is available at all times. Describe the personnel assigned to ensure coordination occurs, the processes that you will use, the lines of communications that you will establish between the prime offeror, proposed subcontractor, any proposed team members, and the Government. Explain how the effectiveness of this coordination will be evaluated.

(6) Describe how the highly critical Building 30/48 Mission Control Center complex shall be operated including all delegations of authority, to support contract requirements. Describe your staffing and training plan to adequately maintain an experienced work force to support up to 10 Space Shuttle Flights per year and training simulations throughout the year (e.g., adequate number of properly trained operating engineers are available for each flight).

Describe your process for integrating and coordinating with the Mission Operations Directorate (MOD), the organization responsible for mission control, to ensure maintenance and operation of these facilities does not interfere with MOD's mission.

Describe your process for documenting and correctly updating the facility as-built drawings when maintenance or repairs cause a change in a facility (e.g. Building 30/48).

(7) Describe how Work Control, identified in CLIN 1.2, will be structured and accomplished, including all delegations of authority, to meet the contract requirements specified. Describe your process for receiving, scheduling, tracking, completing, and closing out work. Describe how delayed work will be tracked, rescheduled, and completed. Describe the mechanism you will use to match the correctly trained and skilled manpower to the work requirement. Describe how work control's effectiveness will be monitored, measured, and controlled.

Describe the process that you will use to provide a single work order number for all requested work and a cradle-to-grave audit trail regardless of the project/task phasing (number of Annexes that support the work) or the number and kinds of crafts assigned to complete the work.

Describe the process you will use to handle requests for task plans under Annex 13 for maintenance or repair of user or non-specified equipment. Describe how you will respond to emergency requests for problem mitigation or repair to user or non specified equipment.

B. Understanding of Requirements (Annex Level)

By Annex, and for the major functional areas within each Annex, describe each of the items requested below in specific and concise terms using techniques such as logic and flow diagrams, charts, or matrices. As applicable for each item requested below, describe the basic set-up, sequential flows with typical timelines, the degree of automation planned, interfaces internal and external to the COSS contract, and how each will be monitored to assure it's working properly.

(1) Describe how you will meet contract requirements in each Annex including how work will be:

- a. Received
- b. Reviewed
- c. Prioritized
- d. Scheduled
- e. Tracked
- f. Performed

(2) Describe:

- a. How your Quality Control program will effectively monitor products and services to ensure that they meet contract requirements.
- b. The specific metrics that you will use in each Annex (including those for the high visibility areas)
- c. The performance each metric will be designed to measure.
- d. For each metric, give the value(s) that will trigger actions to fix the problem with the deliverables.
- e. Description of the actions that will occur if that trigger is reached.
- f. Specific methods that the offeror will use to monitor, identify, and control risks such as occupational safety, damage to property, and contamination of property resulting from or occurring while performing facilities-related work.

(3) Identify and describe:

- a. Where you will use effort from one Annex to support the accomplishment of requirements in other Annexes.
- b. The impact of the interrelationship. (e.g., maintenance reviews of Annex 5 designs to ensure equipment maintainability to support Annex 2 work.).
- c. Any information generated within an Annex that is essential or useful in the effective performance of contract requirements in other Annexes.
- d. How the quality of this information shall be monitored and maintained.
- e. How information shall be disseminated to each applicable Annex.
- f. The controls (including lines of authority) that will be used to ensure control and disseminate information from one Annex to another.
- g. The requirements for which estimating procedures will be required to process work.

(4) During handoff of products from one Annex to another, if the product is returned to the previous Annex for rework, describe how work will be:

- a. Tracked
- b. Scheduled
- c. Reprioritized

C. RFP Issues

(1) Describe how you shall implement customer support and how you plan to develop and maintain customer relationships. Describe the techniques, processes, or tools you will use to measure the effectiveness of your customer support and if customer expectations are being met.

Describe how you will provide effective customer service across the entire contract. Specifically, discuss how customer service will be handled when it involves direct COSS contractor interaction with JSC customers both within and outside of the Center Operations Directorate (COD), the organization managing this contract. Describe the steps that you will take to ensure that customer interactions are positive (e.g., meeting contract requirements in a friendly, professional manner). Describe the steps that you will take, if any, to continuously improve customer service. Describe procedures, techniques, or methods that you will use to monitor, identify, and promptly correct customer service problems.

(2) Describe your method for disseminating real-time, accurate, and current information to numerous site customers requesting work from you as the COSS contractor. The information to be addressed includes, but is not limited to, such data as work order number, COSS point of contact, scheduled completion data, and work status (open, in process, or closed). Describe the techniques, technologies, methodologies, and systems that you shall use to satisfy this requirement. Describe the specific information you will provide, how frequently it will be provided, how it will be acquired, updated, checked for accuracy, and distributed as well as identify the people to whom the information will be provided. Identify the method(s) and system(s) that you will use to create your metrics.

(3) Each Offeror is requested to propose effective and efficient tools, systems, or capabilities it offers to provide in order to enhance its ability to perform contract requirements. For any tool proposed, the offeror shall fully describe the tool, identify the contract requirements that will benefit from its use, and explain how it can improve performance. For any system proposed, the offeror shall fully describe the system, identify any existing system(s) it is intended to replace, describe how any existing system(s) would be transitioned to the new system, identify the contract requirements that will benefit from using the new system, and describe how the system can improve performance. For any capability proposed, the offeror shall fully describe the capability, demonstrate possession of the capability, identify the contract requirements that will benefit from the proposed capability, and describe how the capability can improve performance.

5.3 VOLUME III - PAST PERFORMANCE

The Source Evaluation Board will contact organizations for which your company has previously performed work in order to obtain appraisals of your company's performance. In order to facilitate these checks, when completing the forms identified below, supply the name, address, and telephone numbers of customers' technical managers and contracting officials most familiar with the contract for which the data is being provided. Offerors should ensure that phone numbers and times of availability provided for references are current and correct.

A. Past Performance Data

Complete RFP Form 1 to identify up to 10 contracts (completed and ongoing) over \$1 million in total value that the prime contractor or any proposed joint venture partner(s) has had within the past three years that best shows your ability to perform the COSS contract work. Additionally, each proposed subcontractor / team member expected to perform

COSS services over \$1 million total, shall complete Form 1 to identify up to 10 contracts (completed and ongoing) held by those legal entities during the past three years that best shows their ability to perform COSS work. Identify those contracts that are held by the same legal entity (e.g. company / division, or subsidiary), if applicable, that will perform under the proposed contract.

B. RESERVED

C. Safety and Environmental Performance

Offerors as well as any proposed joint venture partner(s) shall provide a statement of its past safety performance on contracts identified in A above. A statement shall be submitted regarding any OSHA citations of your company's operations during the past five (5) years. For those contracts cited in A above, records of your company's OSHA recordable injuries and illnesses are also to be included. The records will typically include, for each worksite, as a minimum, one copy of each year's OSHA logs for these past five (5) years as required by Title 29 of the Code of Federal Regulations, Section 1904.5(d) including the number of employees at the worksite and the calculated OSHA recordable frequency rate; and the Standard Industrial Classification Code utilized. At its option, offerors may submit a Consolidated Form 200 for all facilities or copies of the OSHA Form 200 for each facility during the requested period. If you propose a joint venture, team member, or prime/subcontractor relationship with multiple legal entities, the same information shall be provided for all legal entities identified in the proposal.

Offerors shall provide a statement of their past environmental performance. A statement shall be provided regarding any environmental related citation of your company's operations in the past five years. Citations may have come from federal, state, and local environmental agencies. If you propose a joint venture, team member, or prime/subcontractor relationship with multiple legal entities, the same information shall be provided for all legal entities identified in the proposal.

In addition to the above, a list of all safety and health insurance carriers that have underwritten the offeror's worker's compensation program or equivalent for the last five (5) years shall be provided. This list of insurance carriers shall include a point of contact and phone number to aid proposal evaluators in verifying the offeror's statements of its past safety and health performance. Please authorize these carriers to respond to questions by the Government. In addition, the worker's compensation experience modifier, including the respective state's formulas utilized for the computation shall be included; along with the loss ratio for the past five (5) years (where the loss ratio is defined as the ratio of losses to insurance premium). All figures used for computation shall be shown. Information on the liability and lawsuit history related to safety and health performance shall also be provided. Data shall be provided in the form of a certification letter from the insurance carrier. In the event that the company is self insured, the same information shall be provided and certified with the signature of a responsible company official. If you propose a joint venture, team member, or prime/subcontractor relationship with multiple legal entities, the same information shall be provided for all legal entities identified in the proposal.

D. Quality System Experience

Each offeror is requested to provide copies of ISO certifications it has received elsewhere in the past three (3) years. If you propose a joint venture, team member, or prime/subcontractor relationship with multiple legal entities, the same information shall be provided for all legal entities identified in the proposal.

E. Historical Financial Performance and Condition

Demonstrate past financial performance in a discussion that reconciles to data reported in financial statements. This information is required of the prime offeror only; unless, a teaming arrangement is proposed. If a teaming arrangement is proposed, submit the required data for all team members. Include, as a minimum, the following information:

- a. Complete name and location of the division or entity proposing the effort.
- b. Complete name and location of the parent corporation, if applicable.
- c. Recent history of earnings (last 3 years) of the division or entity involved in the procurement. Include a hard copy of current financial statements.
- d. A general statement of the financial strength of the company and of its resources capability to finance the start-up funds (e.g., initial capital expenditures and increases in accounts receivable) and to perform the contract, covering such items as:
 1. The most recent balance sheet, plus the balance sheet as of the end of the prior accounting period.
 2. The firm's credit line and/or source of funds.
 3. Statement as to whether or not the company entity proposing this effort is guarantor on any note(s).
 4. Current commitments to other contracts.
 5. Company's ability to support short notice backup for critical skills, material acquisition, and other "home office" support services that may be required under this contract.

5.4 VOLUME IV – Cost/Price Proposal

A. General Cost/Price Instructions

This procurement will require the submittal of one cost/price proposal for the following areas: cost reimbursement, firm fixed price lump sum, ID/IQ, and labor relations. The cost/price proposal should be divided into these four sections and properly identified.

You are required to submit a set of ID/IQ rates that will be used for fixed priced delivery orders (Annex 6). You will also be required to submit another set of rates for the cost reimbursement task orders (Annex 13). You are to propose a Not-To-Exceed award fee rate for cost reimbursement task orders.

You are required to submit all the required cost forms to support the cost reimbursement portion. The cost forms are described in detail in this section. The cost proposal shall encompass all cost/price elements associated with the requirements of the contemplated contract and shall comply with applicable Federal Acquisition Regulation (FAR), NASA FAR Supplement (NFS), and governing statutory requirements, including Public Law 87-653, Truth in Negotiations Act, and Public Law 100-679, Cost Accounting Standards.

To ensure that the Government is able to perform a fair assessment of the proposed cost/price, each offeror is required to submit the information requested in this volume. A cost realism analysis will be performed to assess whether the costs are realistic for the work to be performed and to assess whether the requirements are fully understood. It will also be used to assess whether the offeror will be able to satisfactorily perform as well as assess the financial responsibility of the offeror. Unrealistic estimates proposed by the offeror shall be presented to the Source Selecting Authority (SSA) who will consider the potential contractor's financial and performance impacts in performance of the SOW. Each cost proposal shall be

suitable for evaluation and include supporting information cross-referenced to allow traceability/reconciliation to the technical/management proposal(s).

Each offeror is required to enter all unit rates, prices or cost estimates necessary to complete the cost/price schedules contained in Section B of the RFP. The schedule at Section B, B.8 contains fixed prices for services can be acquired by delivery orders. The schedule at Section B, B.10 contains fixed bare labor rates that can be used when pricing delivery orders in accordance with Annex 6 of the SOW. Similarly for cost reimbursable ID/IQ requirements, the schedule at Section B, B.9 contains pre-established cost estimates for commonly needed services that can be acquired by task orders. Also, the schedule at Section B, B.11 contains pre-established loaded labor rates that will be used when establishing task order cost estimates under Annex 13 of the SOW. These unit rates will be used for cost reimbursement ID/IQ task orders. Finally the schedule at Section B, B.12 contains pricing coefficients to be used in pricing ID/IQ work. The coefficients for Means cost data and the coefficients for non-prepriced work are only used to price fixed price delivery orders. The coefficient factor for materials and equipment rental and the coefficient factor for subcontracted work will be used to price both fixed price delivery orders and cost reimbursement task orders. Therefore, it is important that you are realistic in developing your rates and coefficients.

Note: These instructions apply to the offeror proposed as prime and all proposed major subcontractors with an annual estimated value that exceeds \$ 1 Million.

All pricing and estimating techniques shall be clearly explained in detail (projections, rates, ratios, percentages, coefficient factors, etc.) and shall support the proposed prices in such a manner that audit, computation, and verification can be accomplished. Also, any experience factors (unit prices, hours, quantities, etc.) and judgmental projections shall be explained. All past actuals shall show the periods of time and prices or costs in detail when used as a basis for estimating the proposed prices. The offeror shall discuss the rationale for any escalation proposed for each price element. The offeror shall also include the company's escalation history for each price element for the past 3 years.

Note: FAR Clause 52.222-43 Fair Labor Standards Act (FLSA) and Service Contract Act (SCA)—Price Adjustment (Multiple Year and Option Contracts). Direct labor covered by this clause (i.e. non-exempt labor used to price work performed under Annex 6, 7, and 14) shall not be escalated. This clause prohibits offerors from including contingent pricing in its proposal to address anticipated future labor cost increases related to the fixed price. However, the clause does allow for future equitable adjustment in contract price for any actual adjustments to minimum wages required by the Government for those categories of direct labor covered by the clause.

Phase-in:

Include the estimated price associated with Phase-in on the B.7 Schedule of Prices forms. Include all phase-in prices on the FFP lump sum forms only. The price included on the FFP lump sum form should reconcile to the total of milestones one through four for phase-in on B7. These prices shall be what you will charge the Government for these services.

The resources required to accomplish the phase-in work at the Annex level should be provided on the "Annual Annex Resources Form (AARF)". For the FFP lump sum and all IDIQ (annex 6 & 13) work provide the resources on the AARF under the FFP lump sum portion. For the non-IDIQ Cost Reimbursement (CR) work, provide the resources on the AARF under the CR portion. A check box, "[] IDIQ phase-in (Annex 6 & 13)", has been added to account for the all resources associated with Phase-in. When checking this box, the only column required to be filled out is phase-in. You should include all resources anticipated in performing the phase-in on the resources forms even if you will not charge the Government for the total amount. For example, if you anticipate that it will take XYZ resources to accomplish Annex 1, then include

that amount on the appropriate AARF; even if you only plan to charge the Government a fraction of the actual cost incurred.

HARDCOPY AND COMPUTERIZED PRICE PROPOSAL INPUT:

The Government intends to use an IBM-compatible personal computer with Microsoft Excel to aid in the evaluation of the cost proposal. In addition to providing hardcopies of all forms described below, each offeror and subcontractor is required to submit electronic pricing data including formulas on CD-ROM. The submission of pricing data on CD-ROM is required to be compliant with the RFP instructions. The workbook file identifies tab names that correspond to each specific form identified in the RFP. The offeror is required to complete each of these forms with the same data that is supplied on the hard copy forms.

The file names and location of forms are located in the following table:

Form Name	Form Location (file name / tab)
Cost Reimbursement Forms:	
Annual Annex Summary Form (AASF)	CR.xls / AASF
Annex Cost Summary Form (ACSF)	CR.xls / ACSF
Annual Annex Resources Form (AARF)	CR.xls / AARF
Rates Form	CR.xls / RATES
FFP Lump Sum Forms:	
FFP Lump Sum: Annual Annex Summary Form (AAPSF)	FFP.xls / AASF
FFP Lump Sum: Annex Price Summary Form (APSF)	FFP.xls / APSF
FFP Lump Sum: Annual Annex Resources Form (AARF)	FFP.xls / AARF
FFP Lump Sum: Rate Form	FFP.xls / RATES
IDIQ Forms:	
ID/IQ Development Form--Annex 13	IDIQ.xls / development form -- annex 13
ID/IQ Contract Rates -- Annex 13	IDIQ.xls / contract rates-annex 13
ID/IQ Bare Labor Cost (Annex 6)	IDIQ.xls / bare labor-annex6
Coefficient Factor - Means Cost Data Normal Work Hours	IDIQ.xls / means core
Coefficient Factor -- Means Cost Data Other Than Normal Work Hours	IDIQ.xls / means non-core
Coefficient Factor -- Non-Prepriced Work Normal Work Hours	IDIQ.xls / nonprepriced core
Coefficient Factor -- Non-Prepriced Work Other Than Normal Work Hours	IDIQ.xls / nonprepriced non-core
Coefficient Factor -- Subcontracted Work	IDIQ.xls / subcontracted work
Coefficient Factor -- Materials and Equipment Rental	IDIQ.xls / matl & equip
Prime and Subcontractor Estimated Percentage Breakout of Work	IDIQ.xls / prime & sub
Labor Relations Forms:	
Salaries and Wages Non-Exempt	Comp forms.xls / Form a
Salaries and Wages Exempt	Comp forms.xls / Form b
Fringe Benefits Analysis of Compensation	Comp forms.xls / Form c

Package	
Personnel and Fringe Benefits Policies	Comp forms.xls / Form d

Also include as forms in the cost proposal (1) all forms required in Section B and (2) the schedule of workload adjustment values contained in Section J, Attachment G. These forms should also be submitted in hardcopy as well as electronically.

Offerors shall not adjust the spreadsheet file formats, except as required for formatting such as column widths, row heights and adding columns and rows to accommodate data. The location and contents of individual cells must not be adjusted.

Each CD-ROM shall have an external label affixed indicating:

- (1) The name of the prime offeror
- (2) The name of the proposed subcontractor, if applicable
- (3) The RFP number.
- (4) An indication of the files or range of files contained on the disk.

B. Cost instructions for preparation of Cost Reimbursement Portion

This section affects Annexes: 1, 2, 3, 4, 5, 8, 9, 10, 11, and 12. The offeror is required to complete the four forms provided for the non ID/IQ cost reimbursement portion of the SOW. These forms are described below and consist of the following: Annual Annex Summary Form (AASF), Annex Cost Summary Form (ACSF), Annual Annex Resources Form (AARF), and the Rates Form. Ensure that these forms reconcile with each other, where appropriate. Also, provide a description of your proposed fee structure. Also, to facilitate potential future contract administration as contemplated in the clause at H.10 entitled "Contract Adjustment for Completion Form," each offeror shall enter its estimated workload unit values (estimated cost, excluding fee) in Section J, Attachment G.

(1) Annual Annex Summary Form (AASF)

The AASF is required only of the offeror proposed as prime; however, requires the offeror proposed as prime to consolidate all cost and fee by Annex. Therefore, the offeror proposed as prime is responsible for integrating all required pricing information (prime and all proposed subcontractor(s)) into this form. Proposed subcontractors' fee should be shown as fee on this form. Therefore, all proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. A reference column has been provided on the templates for the offeror to use to identify the supporting narrative data for each cost element. The detailed data (narrative and schedules) should be clearly displayed so that the Government may understand the cost development and computations.

(2) Annex Cost Summary Form (ACSF)

A separate APSF is required from the offeror proposed as prime and each proposed major subcontractor. This form should include cost summary level information for all cost reimbursement Annexes: Annex 1, 2, 3, 4, 5, 8, 9, 10, 11, and 12. It requires cost estimates by cost elements: Labor Hours (offeror proposed as prime vs. sub), Labor Cost (straight vs. overtime), Subcontractor cost (cost vs. fee), Other Direct Costs (materials, equipment, etc.), Overhead cost, G&A cost, Facilities Capital Cost of Money (FCCOM), and

Fee by contract year. A reference column has been provided on the templates for the offeror to use to identify the supporting narrative data for each cost element. The detailed data (narrative and schedules) should be clearly displayed so that the Government may understand the cost development and computations. A detail narrative basis of estimate shall be provided for all proposed price elements; including estimating methodology, references, company history, etc.

The major subcontractors should fill this form out as a prime and check the box "[] Subcontractor". For example, do not include all cost under just the two cost areas for subcontractors. Instead provide your cost broken out by all cost elements (hours, labor, overhead, G&A, etc.) provided on the form. All cost forms that are considered to have proprietary data on it may be submitted to the Government via the prime offeror in a sealed envelope. However, ensure that the prime is at least provided the necessary data to fill out their forms such as cost and fee broken out.

(3) Annual Annex Resources Form (AARF)

The AARF is required only from the offeror proposed as prime; however, it requires the offeror proposed as prime to consolidate all resources data (hours and ODC) by Annex. Therefore, the offeror proposed as prime is responsible for integrating all required data (prime and all proposed subcontractor(s)) into this form. All proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. This form should reconcile to the ACSF.

The offeror shall complete the AARF to show the total resources (hours and other direct costs) by year at the Annex level. Provide a separate form for each Annex identified on the form. A check box has been added, "[] IDIQ Phase-in (Annex 6 & 13)", to account for the resources associated with phase-in. When checking this box, only the phase-in column is required to be filled out. The following provides a brief explanation of the cost elements included on the form:

a. Labor Hours: The offeror shall provide a complete schedule of all proposed labor in sufficient detail to allow for the analysis of labor requirements time-phased and identified by labor categories listed on Schedule B. The information provided on this form must be at the Annex level. Do not provide this information by task level. Provide a separate detailed narrative explaining the reason for proposing the skills and hours for each Annex.

b. ODC: The offeror shall provide an estimated cost for ODC that shall include, but not be limited to, materials and minor subcontracts. ODC shall be time-phased and identified by cost element over the estimated term of the contract. The rationale shall support the quantity of ODC (e.g., materials, equipment and other).

The following supplemental price element data, where appropriate, shall also be submitted:

i. Purchased Parts & Raw Materials - For major items, provide a description of the manufacturer's part number, quantity, unit cost, total costs, anticipated source (manufacturer), and basis of estimate (e.g., vendor quote, prior buy, engineering estimate).

ii. Minor Subcontracted Items - Provide a separate cost breakdown for each minor subcontract.

iii. Interdivisional Transfers (between plants and divisions) - Provide a separate breakdown of costs.

Note 1: The basis of estimate (BOE) narrative can address the estimate down to the task level if necessary. For Example, your estimate for Annex 1 may be XYZ hours and it is comprised of "123" hours for 1.3.1 and "456" hours for 1.4.1 and so forth. Your BOE narrative explanation may address the significant task that comprises the total Annex. It is important that sufficient information is provided to assure the Government that you understand the requirements and proposed adequate and sufficient resources to satisfy the requirements. A cost realism analysis will be performed; therefore, it is important to propose realistic estimates.

Note 2: The supporting rationale associated with all proposed resources shall be submitted as a word document and shall be adequately cross-referenced to facilitate a comprehensive evaluation. It is important that in this word document, you provide adequate support (cost estimating relationships, historical experience, parametric estimates, etc.) for all proposed estimates.

(4) Rates Form

This form is required of the offeror proposed as prime and each major subcontractor. This form shall provide the Government annual labor and indirect rates. The offeror shall include all labor categories proposed on the AARF. The rates included on this form for direct labor shall be straight time rates. The column entitled "source" is intended for you to include the source data such as department of labor wage determination number or collective bargaining agreement number.

Included on the form are the indirect rates information required. Offerors shall provide a written explanation for each rate proposed. For example: "the material handling rate of XYZ% is based on the latest budgetary data audited by XYZ for calendar year 01."

C. Cost instructions for preparation of Firm Fixed Price (FFP) Lump Sum Portion

This section affects Annexes: 7 and 14. These Annexes are firm fixed priced; therefore, prices must be realistic. The offeror will have to perform the requirements under these Annexes at the proposed prices. The offeror is required to complete the four forms provided. These forms are described below and consist of the following: FFP Lump Sum: Annual Annex Summary Form (AASF), FFP Lump Sum: Annex Price Summary Form (APSF), FFP Lump Sum: Annual Annex Resources Form (AARF), and the FFP Lump Sum: Rates Form. Ensure that these forms reconcile with each other, where appropriate. In addition, each offeror shall enter its fixed prices, including one for each phase-in milestone, into Section B. Each offeror shall ensure that the phase-in milestones are appropriately priced to constitute full payment for all phase-in services.

(1) FFP Lump Sum: Annual Annex Summary Form (AASF)

The AASF is required only of the offeror proposed as prime; however, it does require the offeror proposed as prime to consolidate all cost, profit and prices by Annex. Therefore, the offeror proposed as prime is responsible for integrating all required pricing information (prime and all proposed subcontractor(s)) into this form. Any proposed subcontractors' profit should be shown as profit on this form. Therefore, all proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. A reference column has been provided on the templates for the offeror to

use to identify the supporting narrative data for each line item. The detailed data (narrative and schedules) should be clearly displayed so that the Government may understand the price development and computations.

(2) FFP Lump Sum: Annex Price Summary Form (APSF)

A separate APSF is required from the offeror proposed as prime and each proposed major subcontractor. This form should include price summary level information for FFP annexes 7 & 14. It requires estimates by the following line items: Labor Hours (offeror proposed as prime vs. sub), Labor Cost (straight vs. overtime), Subcontractor cost (cost vs. fee), Other Direct Costs (materials, equipment, etc.), Overhead cost, G&A cost, Facilities Capital Cost of Money (FCCOM), and Profit by contract year. Phase-in costs associated with the FFP Annexes must be provided on this form. Phase-in costs must reconcile with the milestone payments in Section B. A reference column has been provided on the templates for the offeror to use to identify the supporting narrative data for each line item. The detailed data (narrative and schedules) should be clearly displayed so that the Government may understand the price development and computations. A detail narrative basis of estimate shall be provided for all proposed line items; including estimating methodology, references, company history, etc.

The major subcontractors should fill this form out as a prime and check the box "[] Subcontractor". For example, do not include all cost under just the two cost areas for subcontractors. Instead provide your cost broken out by all cost elements (hours, labor, overhead, G&A, etc.) provided on the form. All price forms that are considered to have proprietary data on it may be submitted to the Government via the prime offeror in a sealed envelope. However, ensure that the prime is at least provided the necessary data to fill out their forms such as cost and fee broken out.

(3) FFP Lump Sum: Annual Annex Resources Form (AARF)

The AARF is required only of the offeror proposed as prime; however, it requires the offeror proposed as prime to consolidate all resources data (hours and ODC) by Annex. Therefore, the offeror proposed as prime is responsible for integrating all required data (prime and all proposed subcontractor(s)) into this form. All proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. This form should reconcile to the APSF.

The offeror shall complete the AARF to show the total resources (hours and other direct costs) by year at the Annex level. Provide a separate form for each Annex identified on the form. The following provides a brief explanation of the line items included on the form:

a. Labor Hours: The offeror shall provide a complete schedule of all proposed labor in sufficient detail to allow for the analysis of labor requirements time-phased and identified by labor categories listed on Schedule B. The information provided on this form must be at the Annex level. Do not provide this information by task level. Provide a separate detailed narrative explaining the reason for proposing the skills and hours for each Annex.

b. ODC: The offeror shall provide an estimated cost for ODC that shall include, but not be limited to, materials and minor subcontracts. ODC shall be time-phased over the estimated term of the contract. The rationale shall support the quantity of ODC (e.g., materials, equipment and other).

Note 1: The basis of estimate (BOE) narrative can address the estimate down to the task level if necessary. For Example, your estimate for Annex 1 may be XYZ hours and it is comprised of

"123" hours for 1.3.1 and "456" hours for 1.4.1 and so forth. Your BOE narrative explanation may address the significant tasks that comprise the total Annex. It is important that sufficient information is provided to convince the Government that you understand the requirements and proposed adequate and sufficient resources to satisfy the requirements. A cost realism analysis will be performed; therefore, it is important to propose realistic estimates.

Note 2: The supporting rationale associated with all proposed resources shall be submitted as a word document and shall be adequately cross-referenced to facilitate a comprehensive evaluation. It is important that in this word document, you provide adequate support (cost estimating relationships, historical experience, parametric estimates, etc.) for all proposed estimates.

(4) FFP Lump Sum: Rates Form

This form is required of the offeror proposed as prime and each proposed major subcontractor. This form shall provide the Government annual labor and indirect rates. The offeror shall include all labor categories proposed on the FFP Lump Sum: AARF. The rates included on this form for direct labor shall be straight time rates.

Included on the form are the indirect rates information required. Offerors shall provide a written explanation for each rate proposed. For example: "the material handling rate of XYZ% is based on the latest budgetary data audited by XYZ for calendar year 01."

D. ID/IQ COST PROPOSAL INSTRUCTIONS

This section requires the submittal of rates data to be used for both ID/IQ cost reimbursement (CR) task orders and firm fixed priced (FFP) delivery orders. It is important that the proposed rates are realistic. The loaded labor rates on the ID/IQ Loaded Labor Cost – Annex 13 form will be used for CR task orders, while the bare labor rates on the ID/IQ Bare Labor Cost – Annex 6 form will be used for the FFP delivery orders. The forms that are required in this section are as follows:

- ID/IQ Development Form – Annex 13
- ID/IQ Contract Rates – Annex 13
- ID/IQ Bare Labor Cost – Annex 6
- Coefficient Factor – Means Cost Data Normal work Hours
- Coefficient Factor – Means Cost Data Other Than Normal Work Hours
- Coefficient Factor – Non-Prepriced Work Normal Work Hours
- Coefficient Factor – Non-Prepriced Work Other Than Normal Work Hours
- Coefficient Factor – Subcontracted Work
- Coefficient Factor – Materials and Equipment Rental

All labor categories included in Section B must be included on the ID/IQ forms with your proposed rates. If there are anticipated labor categories that are not included in section B and you believe they will be required in performing the functions, include the following information: the name of the category (if non-exempt, the name as per the Department of Labor Wage Decision or the Collective Bargaining Agreement) and a brief job description.

These forms will be used to evaluate the ID/IQ portion of the offeror's proposal. The offeror is required to submit all direct, indirect and fee/profit rates as required on the forms. NASA will use an internally developed pricing model to evaluate the ID/IQ effort. The model will apply your proposed unit prices, rates and factors against an anticipated set of requirements. This

model will not be provided to offerors. The model will be used for evaluating differences in rates and to assess the impact of the offerors proposed rates. This internal model will be used for evaluation purposes only and will reflect a representative sample of resources required in the SOW. This model will be applied consistently to all offerors to develop an estimated cost/price for selection purposes. Any differences in proposed direct and indirect rates that occur between this section and other sections of the must be adequately justified and explained.

Each of the ID/IQ forms are explained below:

(1) ID/IQ Development Form – Annex 13

The rates provided on this form will be used for cost reimbursement task orders. You should escalate the rates for DOL WD non-exempt personnel. These rates will not be adjusted in the contract when DOL issues new wage determinations.

This form is required of the prime offeror and each subcontractor anticipated in performing ID/IQ work. This form shall be completed for each year of the five-year contract. The left side of the form is structured so that the offeror may view all the non-exempt and exempt labor classifications as listed in the price schedule contained in Section B. The second column requires the offeror to provide the corresponding straight time labor rate per labor category. The third column requires the hourly fringe rate per labor category. For non-exempt personnel, the proposed rates must be at least equal to the applicable DOL Wage Determination rates. For exempt personnel, the rates proposed must be explained and supported by adequate pricing data such as company history, survey data, etc. The fourth through the seventh column is to account for all the company's indirect expense (overhead, G&A, etc.). The eighth column should include subcontractor fee/profit only. The prime offeror's fee will be determined when the task order is issued under Annex 13 and shall not be greater than the NTE fee rate proposed for this area. The last column is used to reference the basis of estimate.

In addition, provide in a separate word file attachment a Basis of Estimate for each of the line items listed in Section B.9 Pre-established Annex 13 Cost Values. The Basis of Estimate shall address how each unit cost was determined. For example, the Inspection for Cooling Tower under 13.2, Sub-identifier UEE1001, you should address the direct labor hours, all direct and indirect rates, material costs and all other direct costs in arriving at the unit prices.

(2) Contract Rates – Annex 13

This form is only required of the prime offeror. However, the prime offeror must consolidate the subcontractors data and appropriately include those cost rates into this form, where applicable. Subcontractors must provide their fully burdened rates to the prime offeror to allow for this to occur. Include some rationale in the basis of estimate area if the prime applies an indirect cost rate such as a subcontractor handling charge. This form should have no blanks; therefore, every labor category on this form should be proposed with a fully burdened cost rate for each year of the contract.

Provide an explanation of how these rates were derived and the assumptions made regarding subcontractors. It is important that you provide all assumptions used in developing these combined rates. If the prime offeror and a proposed subcontractor will be providing labor resources each for one labor category; you must provide your assumption regarding the percentage that each will contribute to the development of the combined rate.

(3) ID/IQ Bare Labor Cost – Annex 6

The rates provided on this form will be used for fixed priced delivery orders. It is important that you take this into consideration when developing these rates. You should not escalate the rates for DOL WD non-exempt personnel. These rates will be adjusted in the contract when DOL issues new wage determinations.

This form is required only of the offeror proposed as prime. However, the offeror is required to consolidate the rates data. The offeror proposed as prime is responsible for integrating all required resources (offeror proposed as prime and subcontractor(s)) into this form. Therefore, all proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. This form shall be completed for each year of the five year contract. The left side of the form is structured so that the offeror may input all the DOL Wage Determination and exempt labor classifications as listed in the price schedule contained in Section B. The second column requires the offeror to provide the corresponding straight time labor rate per labor category. The third column requires the hourly fringe rate per labor category. For non-exempt personnel, the proposed rates must be at least equal to the applicable DOL Wage Determination rates. For exempt personnel, the rates proposed must be explained and supported by adequate pricing data such as company history, survey data, etc. The fourth column is the bare cost which is the combination of the labor rate and the associated fringe rate. The fifth column is used to reference the basis of estimate.

Those labor categories not covered under the wage determination shall be provided as a composite of the prime offeror and proposed subcontractor(s) combined as a weighted average or other basis of estimate that is appropriate to arrive at one rate. Provide an explanation of how these rates were derived and the assumptions made regarding proposed subcontractors. It is important that you provide all assumptions used in developing these combined rates. If the prime offeror and a proposed subcontractor will be providing labor resources each for one labor category; you must provide your assumption regarding the percentage that each will contribute to the development of the combined rate.

(4) Coefficient Factor Forms

Only the offeror proposed as prime contractor shall complete these forms. Of the six Coefficients Factor Forms included in the instructions, two apply to both Annex 6 and 13 (i.e. Subcontracted Work Coefficient and the Materials and Equipment Rental Coefficient). The remaining forms (i.e. Means Cost Coefficient for Normal Work Hours, Means Coefficient for Other Than Normal Work Hours, Non Pre-priced Work for Normal Work Hours, and Non Pre-priced Work for Other Than Normal Work Hours) apply only to Annex 6. These forms address factors that will be applied to bare labor, subcontract, material, or equipment rental prices to address the burden cost (administrative and non-labor) required for a particular task.

The following lists the six coefficients:

1. Means Cost Coefficient Factors for Normal Work Hours
2. Means Cost Coefficient Factors for Other Than Normal Work Hours
3. Non Pre-priced Work for Normal Work Hours
4. Non Pre-priced Work for Other Than Normal Work Hours
5. Subcontracted Work Coefficient
6. Materials and Equipment Rental Coefficient

A description of each of the six coefficients and the cost/price elements to be contained within each is provided in Annex 6. Each coefficient proposed shall include all such elements.

E. LABOR RELATIONS FORMS

The following compensation forms are required in order for the Government to perform an evaluation of your labor relations. These forms will be used in conjunction with data provided in the "Labor Relations" section for evaluation. These forms should reconcile with the cost templates described above, wherever applicable.

a. Compensation Form (a): SALARIES AND WAGES NON-EXEMPT - CONTRACT YEAR 1

The offeror shall submit a completed Compensation Form a for non-exempt personnel in the first contract year only. This form is required of the offeror proposed as prime and all proposed major subcontractors. The offer should include the DOL WD or CBA number at the top of the form. A separate form is required for each DOL WD and/or CBA. In the "LABOR CATEGORY - Offeror's" column, list all labor classifications included in the proposal, by titles from the offeror's estimating system. The "Number of Proposed Personnel" is required for each row on the form containing a "LABOR CATEGORY - Offeror's". The "Proposed Average Labor Rate" is the Contract Year 1 labor costs divided by the number of hours proposed for that labor category. The "Lowest Labor Rate" and "Highest Labor Rate" are the lowest and highest wage rates included in the proposal for each labor classification listed under the "LABOR CATEGORY - Offeror's" column.

b. Compensation Form (b): SALARIES AND WAGES EXEMPT - CONTRACT YEAR 1

The offeror shall submit a completed Compensation Form b for exempt personnel in the first contract year only. This form is required of the offeror proposed as prime and all proposed major subcontractors. In the "LABOR CATEGORY - Offeror's" column, list all labor classifications included in the proposal, by titles from the offeror's estimating system. The "Number of Proposed Personnel" is required for each row on the form containing a "LABOR CATEGORY - Offeror's". The "Proposed Average Labor Salary" is the Contract Year 1 labor costs divided by the number of personnel proposed for that labor category. The "Lowest Labor Salary" and "Highest Labor Salary" are the lowest and highest salaries included in the proposal for each labor classification listed under the "LABOR CATEGORY - Offeror's" column.

c. Compensation Form (c): FRINGE BENEFITS ANALYSIS OF COMPENSATION PACKAGE - Contract Year 1

A separate Form c shall be completed for Exempt, Non-Exempt Nonunion, and Non-Exempt Union direct labor. It should be noted that the minimum hourly fringe benefits rate can not be less than the DOL specified minimum rate listed in the RFP under Section J for non-exempt employees. The column entitled, "Cost of Fringe benefit" should include the cost, not rate, associated with the fringes specified (i.e. life insurance, disability insurance, etc.) that are proposed on this contract for each of the related personnel type (exempt, non-exempt, union, non-union). The next column entitled, "Percent of Payroll" should include the percentage of each of the related specified

fringe costs as a percent of payroll (direct labor cost). The third column should include hourly rates based on the average cost per labor hour proposed per specified fringe.

d. Compensation Form (d): PERSONNEL AND FRINGE BENEFITS POLICIES
- Contract Year 1

This form provides a standard format to disclose, by employee category, the application of personnel policies and fringe benefits which shall be in effect at the time of award. Although only brief explanations are desired, sufficient information is required to allow an evaluation and estimate of all potential costs which will arise upon award of the contract. Comments are required pertaining to all items listed below under the proper column, whether or not the policy is written. The established practice of the Offeror and applicability to this proposal shall be provided. If the items below are not applicable, so state. Items pertinent to the Offeror which are not identified must be included if cost recovery is anticipated.

PAST PERFORMANCE DATA

1. COSS Prime Contractor/Team Member:
2. COSS Annex Number that Prime Contractor/Team Member above will perform:
3. Referenced Contract Information:
 - A. Name and Address of Customer
 - B. Contract Number:
 - C. Annual Value of Contract:
 - D. Contract Type:
 - E. Contract Performance Location:
 - F. Period of Performance: From: To:
 - G. Cognizant Contracting Officer:
(If commercial, customers business manager)

Name:
Address:
Telephone Number:
Email Address:
Time of day can be reached (Houston, TX cst.):
 - H. Cognizant Technical Manager:

Name:
Address:
Telephone Number:
Email Address:
Time of day can be reached (Houston, TX cst.):
4. Work performed on referenced contract:
5. How related project work correlates with COSS annex the Prime Contractor/Team Member will perform:

Note: Offerors are permitted to reformat this form to the extent required to provide adequate space to provide all required information.

PAST PERFORMANCE DATA

Annex	Function Specific Experience			
	Extensive	Substantial	Moderate	None
1. Administrative Support				
2. Maintenance And Repair				
3. Directed Services				
4. Operations				
5. Engineering				
6. Non-Routine Fix Price IDIQ				
7. Grounds Maintenance				
8. Information Technology				
9. Environmental Program				
10. Supply				
11. Property And Equipment				
12. Transportation				
13. Non-Routine Cost Reimbursable IDIQ				
14. Custodial				

Note: Offerors are permitted to reformat this form to the extent required to provide adequate space to provide required information.

EXPERIENCE DATA

KEY PERSONNEL RESUME

Proposed Position Title _____

Proposed Annual Salary _____

Name _____

CURRENT POSITION:

Title _____

Time in Current Position _____

Annual Salary _____

Number of Personnel Directly Supervised in Current Position _____

Responsible for a Total Workforce of _____ (Number of people)

Description and Scope of Current Job:

*EMPLOYER REFERENCE
NAME AND PHONE NO.

*CUSTOMER REFERENCE
NAME AND PHONE NO.

NOTE: It is the offeror's responsibility to ensure that all references and their phone numbers are current and correct.

EXPERIENCE DATA

NAME: _____

WORK EXPERIENCE

*PAST 10 YEARS IN CHRONOLOGICAL ORDER

Date

Employer Reference
Name and Phone No.

Customer Reference
Name and Phone No.

Description and Scope of Job:

*Use separate page for each work period.

EXPERIENCE DATA

NAME: _____

Education: College Degree(s) if yes, cite Degree(s)
YES NO

Date Received _____

University _____

Major/Minor _____

Professional and/or Technical Training (list):

Type of Training

Where Received

Date

_____ has [] (has not []) been contacted, is [] (is not []) committed to the proposed position and has [] (has not []) indicated a willingness to accept the salary proposed.

Brief statement of why the proposed individual is uniquely qualified for the proposed position and what percent of his/her total available time will be devoted to this program.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 2 PAGES
2. AMENDMENT/MODIFICATION NO. 4	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA JSC, Attn: SEB 416/Charles Bell 2101 NASA Road 1 Houston, TX 77058 FAX 281-483-2013/281-483-1139		7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)		(<input checked="" type="checkbox"/>) 9A. AMENDMENT OF SOLICITATION NO. 9-BJ32-T63-0-24P	(<input checked="" type="checkbox"/>) 9B. DATED (SEE ITEM 11) July 25, 2001
CODE		10A. MODIFICATION OF CONTRACT/ORDER NO.	
FACILITY CODE		10B. DATED (SEE ITEM 13)	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☒ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(<input checked="" type="checkbox"/>) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 14.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D. OTHER Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return ____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This amendment accomplishes the following: (1) corrects errors in amendment 3, (2) provides official responses to the last round of industry questions, and (3) incorporates replacement pages for those portions of the Request for Proposal (RFP) amended by items (1) and (2) above.

A more detailed explanation of the specific amendments is provided on page 2.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Charles C. Bell)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Original Signed by) (Signature of Contracting Officer)	
		August 17, 2001	

- I. The following corrections are hereby made to Amendment 3:
 - a. The last sentence of the first paragraph on page 2 that reads "As part of this amendment, a replacement spreadsheet containing these changes to Section B of the RFP is posted to the NASA Acquisition Internet Service (NAIS) at URL <http://procurement.nasa.gov/cgi-bin/EPS/sol.cgi?acqid=94550>" is deleted since Section B did not get posted to NAIS on August 15, 2001.
 - b. All page headers on pages 2 through 48 are changed to read ". . . Amendment 3 . . ." to eliminate any incorrect references to amendment 2.
- II. Official responses to the final round of industry comments are hereby incorporated into the RFP. These official responses entitled "Answers to Final Round of Industry Questions" is provided as a separate electronic file using the NAIS. This file can be accessed using the Internet at URL <http://procurement.nasa.gov/cgi-bin/EPS/sol.cgi?acqid=94550>.
- III. Replacement pages for Section B, portions of Section C, Section H, Section I, portions of Section J, and Section L are provided as separate electronic files using the NAIS and are hereby incorporated into the RFP. These files can be accessed using the Internet at URL <http://procurement.nasa.gov/cgi-bin/EPS/sol.cgi?acqid=94550>. To assist potential offerors, the "Track Changes" tool contained within Microsoft Word was used to mark changes made since the last modification. However, since Section B was not posted with amendment 3, all changes made to section B (including those made by amendment 3) since the final RFP are marked using the "Track Changes" tool.

SECTION B

SUPPLIES OR SERVICES AND PRICES/COSTS

B.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE – N/A

B.2 SUPPLIES AND/OR SERVICES TO BE FURNISHED

a. General --This contract is for center operations support services (COSS) for the Johnson Space Center (JSC) including those facilities at JSC, Ellington Field, and the Sonny Carter Training Facility (SCTF) using a hybrid of cost-reimbursement and, firm fixed price contracting methods. The contract also incorporates an award fee provision. The Contractor shall provide all resources (except as may be expressly stated in this contract as furnished by the Government) necessary to provide COSS in accordance with the Statement of Work in Section C. The services to be performed under the terms and conditions of this contract will be acquired as detailed below:

b. Routine Cost-Reimbursable Services – Annexes 1 through 5 and 8 through 12 of the statement of work (SOW) describe center operations support services work that is routinely required and for which accurate workload requirements are specified.

c. Non-Routine Cost-Reimbursable Services – Annex 13 of the SOW allows the Government to acquire on a cost-reimbursable, ID/IQ basis additional services within the general scope of COSS that either are not routine in nature or for which an accurate workload estimate does not exist at the time of contract award.

d. Routine Fixed-Price Services – Annexes 7 and 14 of the SOW describe center operations grounds and custodial support services work that are routinely required and for which accurate workload requirements are specified.

e. Non-Routine Fixed-Price Services – Annex 6 of the SOW allows the Government to acquire additional services such as construction services, additional grounds maintenance, and additional custodial services on a fixed-price, ID/IQ basis.

(End of Clause)

B.3 ID/IQ

(a) The guaranteed minimum contract value of work that will be ordered under this contract, and which will be initiated through the issuance of either fixed-price delivery orders under Annex 6 of the SOW or cost-reimbursable task orders under Annex 13 of the SOW shall be \$200,000 per contract year. The maximum value that can be ordered under the ID/IQ provisions of this contract each contract year is \$20,000,000.

(b) If the Government orders supplies or services in excess of the minimum but not up to the maximum, this circumstance shall not constitute the basis for an equitable adjustment to any contract price, estimated cost or fee.

(End of Clause)

The following contract clause entitled "FIRM FIXED PRICE (NASA 1852.216-78) (DEC 1988)" identifies the total fixed price to be paid to the contractor for acceptable performance of all services described in Annexes 7 and 14.

B.4 FIRM FIXED PRICE (NASA 1852.216-78) (DEC 1988)

The total firm fixed price of the work contained in Annexes 7 and 14 is ***\$[to be input by offeror]***.

(End of Clause)

The following contract clause entitled "ESTIMATED COST AND AWARD FEE (NASA 1852.216-85) (SEPTEMBER 1993)" identifies the estimated cost and maximum award fee of this contract. The estimated cost and maximum award fee amounts do not include the value of fixed priced services to be provided in accordance with Annexes 7 and 14.

B.5 ESTIMATED COST AND AWARD FEE (NASA 1852.216-85) (SEPTEMBER 1993)

The estimated cost of Annexes 1-5 and 8-12 is ***\$[to be input by offeror]***. The maximum available award fee, excluding base fee, if any, is ***\$[to be input by offeror]***. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are ***\$[to be input by offeror]***.

(End of clause)

The following contract clause entitled "CONTRACT FUNDING (NASA 1852.232-81) (JUNE 1990)" identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the contractor to perform the services identified in Annexes 1-5 and 8-12 only. The clause also identifies the funding amount obligated under this contract for the payment of award fee.

B.6 CONTRACT FUNDING (NASA 1852.232-81) (JUNE 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$TBD. This allotment is for Annexes 1-5 and 8-12 of this contract and covers the following estimated period of performance: TBD.

(b) An additional amount of \$TBD is obligated under this contract for payment of fee.

(End of clause)

SECTION B
Schedule of Prices
Fixed Price Work - First Year of Basic Contract (April 1, 2002 through March 31, 2003)

B.7 Schedule of Prices						
Item No.		Description of Services	Unit	No. Units	Unit Price	Total Price
Section L		PHASE-IN				
PIMS01		Phase-in Milestone Group No.1 (2/1/02 to 2/14/02)	Milestone Group	N/A		
PIMS02		Phase-in Milestone Group No.2 (2/15/02 to 2/28/02)	Milestone Group	N/A		
PIMS03		Phase-in Milestone Group No.3 (3/1/02 to 3/14/02)	Milestone Group	N/A		
PIMS04		Phase-in Milestone Group No.4 (3/15/02 to 3/31/02)	Milestone Group	N/A		
ANNEX 7		GROUNDS MAINTENANCE				
7.2		Grounds Annual Work Plan	Plan	1		
7.3		Miscellaneous Unscheduled Support Tasks	Request	200		
7.4		Remove Surface Debris	Week	52		
7.5		Recycle Landscape Trimmings	Area	1		
7.6		Landscape Timbers and Edging	Linear Feet	3,000		
7.7.1	a	Mow and Trim Area A "Improved Grounds"	Occurrence	41		
7.7.1	b	Mow and Trim Area B "Semi-Improved Grounds"	Occurrence	15		
7.7.2	a	Edge Area A "Improved Grounds	Occurrence	41		
7.7.2	b	Edge Area B "Semi-Improved Grounds"	Occurrence	15		
7.7.4		Fertilize Lawns	Occurrence	3		
7.7.5		Dethatch Lawns	Acres	20		
7.7.6		Aerate Lawns	Acres	20		
7.7.7		Control Pests on Lawns	Acres	69		
7.8.1		Maintain Mulch Around Trees	Semi-annual	2		
7.8.2		Water Trees	Tree	2,100		
7.8.3		Control Pests on Trees	Tree	2,200		
7.8.4	a	Prune and Shape (Area A, B, Pecan Grove)	Tree	800		
7.8.4	b	Prune and Shape (Walkways & Jogging Trails)	Occurrence	12		
7.8.5		Remove Dead Trees	Tree	24		
7.8.6		Plant New Trees	Tree	24		
7.9.1		Maintain Mulch in "Landscaped Areas"	Occurrence	2		
7.9.2		Control and Remove Weeds	Occurrence	12		
7.9.3		Water	Acres	315		
7.9.4		Fertilize	Bi-annual	2		
7.9.5		Provide Pest Control	Acres	2		
7.9.6		Trim Hedges	Occurrence	12		
7.9.7		Prune Shrubs	Occurrence	1		
7.9.8		Replace Plants and Shrubs	Plants/Shrubs	20		
7.9.9		Maintain Building 30 Demonstration Landscape	Square Feet	1,550		

SECTION B
Schedule of Prices
Fixed Price Work - First Year of Basic Contract (April 1, 2002 through March 31, 2003)

7.9.10		Maintain Flower Beds	Acre	0.4		
7.10	a	Maintain Ponds and Connecting Canals	Day	365		
7.10	b	Clean Ponds	Occurrence	1		
7.11		Mow and Trim Unimproved Grounds	Occurrence	2		
7.12.1		Maintain Fence Line	Occurrence	12		
7.12.2		Mow and Remove Ditch Vegetation	Occurrence	4		
7.12.3		Maintain "Rights of Ways"	Day	365		
7.12.4		Maintain Fire Lanes	Occurrence	12		
7.12.5	a	Maintain Gravel Areas - Remove Weeds	Occurrence	12		
7.12.5	b	Maintain Gravel Areas - Apply Herbicide	Occurrence	4		
7.13.1	a	Apply Broadcast Baits	Occurrence	2		
7.13.1	b	Treat Individual Mounds	Occurrence	12		
7.13.2		Mosquito Control	Fogging	12		

SECTION B
Schedule of Prices
Fixed Price Work - First Year of Basic Contract (April 1, 2002 through March 31, 2003)

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14.2.4		Dusting/Cleaning Entrances, Hallways, Carpeted Areas	Cleaning	12		
14.2.5		Clean and Service Restrooms, Medical Offices, and Laboratories	Day	365		
14.2.6		Inside Stairs, Stairwells, Ramps, and Landings	Day	365		
14.2.7		Light/Lamp Replacement	Fixtures	80,000		
14.2.8		Inside/Outside Entrance Area Floors	Day	365		
14.2.9		Hard Floor Cleaning	Day	365		
14.2.10		Vacuum Carpets and Rugs	Day	365		
14.2.11		Machine Scrub Restroom Floors	Month	12		
14.2.12		Spray Buffing in Hallways	Month	12		
14.2.13		Recycling Program				
14.2.13	a	White paper	Pound	1,200,000		
14.2.13	b	Cardboard	Pound	120,000		
14.2.13	c	Aluminum Cans	Pound	3,000		
14.2.13	d	Study Solid Waste Generation and Accumulation	Study	1		
14.2.13	f	Return Revenues	Transaction	12		
14.2.13	g	Track and Report Recycling	Month	12		
14.2.14		Solid Waste Removal	Pound	38,000,000		
14.3.1		Dusting/Cleaning	Day	365		
14.3.2	a	Unscheduled Cleaning - Normal Services	Request	250		
14.3.2	b	Unscheduled Cleaning - Blood Infectious Material	Request	20		
14.3.3		Interior Windows	Day	365		
14.3.4		Exterior Glass Surfaces	Day	365		
14.3.5		Strip, Seal, and Wax Floors	Day	365		
14.3.6		Shampoo Carpets	Day	365		
14.3.7		Emergencies/ Special Events/ Visitor Custodial Services	Manhour	11,000		
14.3.8		Interior Extermination	Request	900		
14.3.9	a	Supplemental Dumpsters	Cubic Yard	500		
14.3.9	b	Portable Restroom	Unit	20		
14.3.11		Training	Day	365		
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ANNEX 1
ADMINISTRATIVE SUPPORT

1.0 ADMINISTRATIVE SUPPORT

1.1 GENERAL INFORMATION

1.1.1 Annex Description

This Annex identifies the Administrative Support Services that cannot be identified with a single annex or may be related to the performance of services throughout this Contract. Even though this Annex contains certain guidelines, the Contractor has the responsibility to establish a management program that is innovative and effective, and uses to full advantage the facilities and equipment provided by the Government.

1.1.2 Facilities, Land, and Utilities

The Government will furnish all available facilities, land, and utilities, as defined below, to the Contractor for performance of work defined in this Contract.

1.1.2.a. Facilities. Government-furnished facilities or portions thereof, to be provided to the Contractor, are identified in the ****List of Contractor Facility Floor Plans** and ****Drawings of Contractor Facility Floor Plans**. The Contractor may modify/alter the facilities per existing Center standards and shall provide design of proposed changes to the Administrative Technical Management Representative (*TMR) for approval; and shall only proceed with the modifications with the approval of the Contracting Officer. All changes by the Contractor to Government-furnished facilities become the property of the Government or the Contractor shall, at the Government's request, restore the facility to the original condition. Any modifications of facilities that affect utility consumption are to be made in accordance with the National Energy Conservation Policy Act of 1992 and all subsequent legislation and Executive Orders that pertain to Energy and Water Conservation. Documentation supporting compliance with this energy requirement shall accompany requests for facility modification to the Administrative *TMR.

1.1.2.b. Land. In the event insufficient (as determined by the Administrative *TMR) Government-furnished facilities are provided, the Government will make available to the Contractor land suitable for temporary buildings or trailers. Lay down areas, and storage areas, etc., will be provided to the Contractor upon request and availability. Modifications/alterations, such as fencing, will be allowed only with the approval of the Administrative *TMR and according to the Center's current standards. When open areas are provided, the Contractor shall ensure the areas are actively utilized and are neat and clean in appearance, and are maintained in a manner fitting their surroundings. The Contractor shall make every resource effort to ensure their operations do not distract from the overall appearance of the site.

1.1.2.c. Utilities. The Government will provide all utilities for Government-furnished facilities assigned to the Contractor for the performance of services identified in this Contract. The Contractor shall exercise reasonable efforts to

conserve energy per ****JA Management Guidance 8836.1, Johnson Space Center's (JSC's) Energy Conservation Policy**. The Center's Telephone System will be made available to the Contractor for official Government business. The Contractor shall be responsible for non-contract related and personal long distance toll charges.

1.1.3 Definitions and Acronyms

Definitions and acronyms used throughout this contract are identified in Tables 1-1 and 1-2. Words that have specific meaning in the context of this Contract have been **bolded** and ******* and further defined in Table 1-1. Definitions for terms used in a specific annex are stated in that annex and shall have precedence in that annex, overriding definitions stated in Annex 1. Webster's Ninth New Collegiate Dictionary will be used for defining words not specifically addressed. Items that have been **bolded** and ******** are located in the JSC Technical Reference Library (TRL) located in Building 227, Door #4.

1.1.4 Records, Reports, and Submittals

The Contractor shall maintain all records and documentation necessary to substantiate that all services have been accomplished as specified and shall support all Government audits with adequate personnel and timely documentation retrieval. Additional records, reports, and submittals required by the Government are identified in each applicable annex section.

Records, reports, and submittals and all associated documentation are to be maintained and provided as required in the various Section C Annexes. To accomplish this, the Contractor shall plan, implement, and maintain a comprehensive records, reports, and submittal management process that facilitates continual Government electronic access to all documentation records, reports, and submittals. The data items formatted in the databases, reports, and documents existing on the effective date of this contract (See the TRL) illustrate the frequency, category and activity description to be maintained in the electronic database. They are included for reference and to establish minimum requirements.

***Selected** records, reports and submittals are required by the Government via Data Requirement Descriptions (DRD's). Submittals may include but are not limited to plans, procedures, Standard Operating Procedures (SOP's) and are identified in the separate annexes. ***Selected** and other records, reports and submittals are further defined as:

1.1.4.a. Records. For the purpose of this Contract, required databases are considered as records. All logs, records, files, databases, workload data, etc., identified in the Annexes shall be maintained throughout the life of the Contract and as otherwise may be required by law or regulatory authority. Records shall be available for review by the Administrative *TMR, or designated technical representative and auditors, and upon termination of the Contract, shall be turned over to the Government. All records shall contain sufficient supporting documentation to provide a complete audit trail. Records shall be maintained in

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an orderly fashion. Records shall be automated, as required in the Contract, in compliance with Annex 8 and other annexes. The Contractor shall maintain records, logs, databases, reports, data for all Section C requirements, including but not limited to, actual number of units of work performed for each respective contract line item workload unit, for each fiscal and contract year.

1.1.4.b. Reports. Selected reports and outline instructions for the development of the format are contained on individual DRD's in Section J, Attachment C. Due dates are specified for each separate report. When the due date falls on a Saturday, Sunday, or holiday, the report is due by 8 A.M. Monday, or 8 A.M. the day following the holiday. Reports shall be electronically available unless otherwise specified. The Contractor shall develop reporting formats, with NASA concurrences, that are electronically available and retrievable per Annex 8. Proposed changes to required forms will be submitted to the Administrative *TMR for consideration and approval.

1.1.4.c. Submittals. Detailed plans, manufacturer's installation, testing and product data, and other submittals that are required on an infrequent or one-time basis are identified in the applicable annexes. Typically, the required submittals require the Contractor to propose or define his plan or methodology of providing a specified service. Updates are required whenever changes to the stated plan occur. Selected submittals and outline instructions for the development of the format are contained on individual DRD's in Section J, Attachment C. Due dates are specified for each separate submittal. When the due date falls on a Saturday, Sunday, or holiday, the submittal is due by 8 A.M. Monday, or 8 A. M. the day following the holiday. Unless otherwise specified, the Contractor shall develop other submittal formats, with NASA concurrence, which are electronically available and retrievable per Annex 8.

1.1.5 Contractor Personnel

The Government's minimum requirements, qualifications, training, certifications, and other requirements are identified in the applicable annex. These minimum requirements do not relieve the Contractor of the responsibility of complying with all Federal, State, JSC, and Local laws regarding licenses, certifications, training, etc., of employees performing the specified services.

1.1.5.a. Contractor Conduct

Contractor personnel shall:

- conduct themselves in a proper courteous and business-like manner

1.1.5.b. Contractor Attire

Contractor personnel shall:

- wear attire that is neat, clean, and suited to the work or situation being performed.

- wear personnel protective equipment required by workplace hazard analyses performed by the Contractor as required by the Occupational Safety and Health Administration (OSHA).
- be uniformed to be easily identifiable. (For crafts and personnel required to perform work at multiple locations on site)
- display the name of the Contractor on the front of shirts. (For crafts and personnel required to perform work at multiple locations on site)

1.1.5.c. Contractor Qualifications

Contractor personnel shall:

- be properly qualified, trained, and licensed when operating Installation-provided automotive, construction, weight handling, material handling, or miscellaneous equipment.
- exercise due care while operating equipment and execute appropriate pre-operation and operational checks of equipment as required by the applicable NASA JSC Standards and Contractor Standards.

1.1.6 Directives

COD Enforcement of Directives - JSC and Center Operations Directorate (COD) will issue and enforce directives, manuals and instructions intended to establish policies and guidelines for organizations and persons on site (JSC, Ellington Field (EF), and Sonny Carter Training Facility (SCTF)) or utilizing site facilities/services. All Contractor personnel shall comply with all such directives, manuals and instructions. When two or more directives or instructions apply, Contractor personnel shall comply with the more stringent of the directives or instructions (as defined by the Government).

1.1.7 Restrictions, Limitations and Special Conditions

a. In performance of work under this Contract, the Contractor shall arrange with the Administrative *TMR a sequence of procedures, means of access, space for storage of materials and equipment, use of approaches, corridors, elevators and stairways, and other similar accommodations as required. Since space for storage is limited in work areas, the majority of storage must be outside or at the Contractor's assigned area. Only materials to be used for work under this Contract may be stored at assigned areas or work areas. Delivery and storage of materials and equipment shall be made to minimize interference with Government operations and personnel.

b. Building and work areas may be occupied during performance of work under the Contract. The Contractor shall take particular care in the execution of the work in all occupied areas, computer rooms, mechanical rooms, laboratories, electrical and telephone equipment areas. Uninterrupted operations shall be maintained in these areas. The Contractor shall avoid unscheduled downtime.

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c. For all contract work which may inadvertently activate or directly impact a fire alarm or sprinkler system, coordinate with the Government's fire protection maintenance contractor at least 24 hours before beginning work to have the system deactivated.

d. For all work, furniture and portable office equipment in the immediate areas will be moved, relocated, and protected by the Contractor and replaced to original position. If the work required will not allow furniture and portable equipment to be replaced to its original location, new locations will be designated by the Administrative *TMR. The Contractor shall cover items that remain in place within the area of contract operations and protect the items against damage or loss. The Contractor shall store items that are removed in performance of work where directed or reuse in work as required by the project drawings, specifications or work requirements. Items temporarily removed shall be protected, cleaned, and replaced with items equivalent in condition and value prior to starting work. The Contractor shall have to pay for materials lost or damaged when performing all fixed price work. Security for items that are to be reused or replaced following periods of temporary storage shall be the sole responsibility of the Contractor.

e. The Contractor shall at all times keep the work, office, shop, and warehouse areas, including storage areas, free from accumulations of waste materials. Each work and project site shall be cleaned up at the end of each day. All debris (whether blown in or Contractor generated) on the job site shall be packaged up and disposed of properly. All materials shall be neatly stacked and secured to prevent wind gusts from blowing materials around the site. If the Administrative *TMR deems that the site is unsightly, or that there are unsafe conditions from clutter or other causes, the Administrative *TMR may instruct the Contractor to immediately stop work and repair/clean-up the site. All surfaces not directly associated with the project requirements shall be returned to original condition at the conclusion of the project (this includes but is not limited to accesses, grass, dirt, sprinkler systems, etc.).

f. Before completing the work, the Contractor shall remove from the work premises any rubbish, tools, scaffolding, equipment, and materials that are not the property of the Government. Upon completing the work, the Contractor shall leave the work area in a clean, neat, and orderly condition satisfactory to the Administrative *TMR.

g. The Contractor shall be responsible for obtaining any necessary licenses and permits, and for complying with any Federal, State, and Local Laws, codes, and regulations applicable to the performance of the work. The Contractor shall also be responsible for all materials delivered and work performed until completion and acceptance of the entire work, except for any completed unit of work, which may have been accepted under the Contract.

h. The Government may undertake or award other contracts for additional work at or near the site of the work under this Contract. The Contractor shall fully cooperate with the other contractors and with Government

employees and shall carefully adapt scheduling and performance of the work under this Contract to accommodate the additional work, heeding any direction that may be provided by the Administrative *TMR. If this coordination causes a schedule slippage, the Administrative *TMR shall be notified.

i. The Contractor shall preserve and protect all structures, facilities, utilities, equipment, and vegetation (such as trees, shrubs, and grass) on or adjacent to the work site, which are not to be removed and which do not unreasonably interfere with the work required under this Contract. The Contractor shall only remove trees when specifically authorized to do so, and shall avoid damaging vegetation that will remain in place. If any limbs or branches of trees are broken during contract performance, or by the careless operation of equipment, or by workmen, the Contractor shall trim those limbs or branches with a clean cut and paint the cut with a tree pruning compound. The Contractor shall protect from damage all existing improvements and utilities at or near the work site and on adjacent property of a third party, the locations of which are made known to or should be known by the Contractor. For the fixed price portion of the contract, the Contractor shall promptly repair any damage to those facilities, at no cost to the Government, including those that are the property of a third party, resulting from failure to comply with the requirements of this Contract or failure to exercise reasonable care in performing the work.

j. Unless noted on drawings or otherwise specified, new work in extension or adjacent to existing conditions shall correspond to existing work, in respect to material, workmanship and finish. Existing work that is cut, drilled, altered, removed or temporarily removed by the Contractor and replaced in order to perform work under the Contract, shall match existing work except where indicated or specified otherwise. Structural members shall not be altered without authorization of the Administrative *TMR. Work remaining in place which is damaged or defaced during this Contract shall be restored to the condition at times of start of the respective work.

k. The Contractor shall confine all operations (including storage of materials) on Government premises to areas authorized or approved by the Administrative *TMR.

l. Temporary buildings (e.g., storage sheds, shops, offices) and utilities may be erected by the Contractor only with the approval of the Contracting Officer. The temporary buildings and utilities shall be the property of the Government.

m. The Contractor shall use only established roadways, or use temporary roadways constructed by the Contractor when and as authorized by the Administrative *TMR. When it is necessary to cross curbs or sidewalks, the Contractor shall protect them from damage. The Contractor shall repair any damaged curbs, sidewalks, or roads.

n. Where the Contractor proposes to substitute materials, the Contractor shall submit two samples of material specified and two samples of

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material proposed for substitution, along with technical information on each before half of the task or Delivery Order (DO) time has elapsed. Where the Contractor's information on products is insufficient to determine "equality," laboratory tests will be required. An independent laboratory will be proposed by the Contractor and approved by the Administrative *TMR to conduct tests.

o. The Contractor shall maintain and keep up-to-date on a daily basis, a current set of redline drawings that accurately record all deviations from drawings provided to the Administrative *TMR within 10 days after work is completed. The Contractor shall submit a redline set through the Administrative *TMR and update master drawings per Annex 5.

1.1.7.1 Material Requirements

All materials, parts, and equipment shall be equal to or better than the existing, as approved by the Administrative *TMR, and shall comply with the Industrial Standards and Codes in this Contract. All replacement items shall comply with energy efficient requirements per Paragraph 1.1.2.a, unless the system, as determined by the Administrative *TMR upon review of the Contractor's submittal, is not compatible with this type. Upon replacing any item or equipment which has an informational sticker/tag affixed, the Contractor shall ensure a similar sticker/tag is affixed to the replacement item.

1.1.7.2 Covered Chutes

All chutes and containers for refuse and similar material shall be covered at all times or of such a design to fully confine the material to prevent the dissemination of dust and debris.

1.1.7.3 Trucking

The Contractor shall load all trucks leaving the site with loose debris in a manner that will prevent dropping of materials on streets. Onsite street cleaning to a broom clean condition shall be maintained on streets and crosswalks following any loose debris or material dropped from the bed or tires of trucks (e.g., mud) used by the Contractor.

1.1.7.4 Elevators

Any temporary use of an existing elevator shall be by arrangement with the Administrative *TMR and the appropriate Facility Manager and subject to their controls. Such use will be of an intermittent nature. The Contractor shall provide and maintain suitable and adequate protection covering as approved by Administrative *TMR for the elevator machinery, the hatchway entrance, and the interior of the elevator during the period of temporary use. Loads in excess of the rated capacity of the elevator will not be permitted. On completion of the work, the Contractor shall remove the protection coverings together with any resultant dirt and debris, and leave the equipment in a condition equal to that in which it was found.

1.1.7.5 Vehicles

Vehicles used to convey Contractor personnel, materials, and tools on *JSC streets shall be street legal and acceptable for use on public highways, including U.S. interstates. In addition, these vehicles shall be subject to the **JSC27996, **Vehicle Code**. Maintenance of Contractor vehicles shall be in approved locations as approved by Administrative *TMR. Parking of Contractor equipment, trucks, etc., shall be as approved and assigned by the Administrative *TMR.

1.1.7.6 Hazardous Materials

The Contractor shall immediately bring to the attention of the Administrative *TMR any material suspected of being hazardous which he encounters during execution of the work. A determination will be made by the Administrative *TMR as to whether the Contractor shall perform tests to determine if the material is hazardous and the Administrative *TMR will direct any follow-on action.

1.1.7.7 Beneficial Occupancy

a. The Government shall have the right to take possession of or use any completed or partially completed part of the work. Before taking possession of or using any work, the Administrative *TMR shall furnish the Contractor a list of items of work remaining to be performed or corrected on those portions of the work that the Government intends to take possession of or use. However, failure of the Administrative *TMR to list any item of work shall not relieve the Contractor of responsibility for complying with the terms of the Contract. The Government's possession or use shall not be deemed as acceptance of any work under the Contract. Acceptance of work will not be completed by the Government until all work, including punch list and Maintenance Activation, is complete.

b. While the Government has such possession or use, the Contractor shall be relieved of the responsibility for the loss of or damage to the work resulting from the Government's possession or use. If prior possession or use by the Government delays the progress of the work or causes additional expense to the Contractor, an equitable adjustment shall be made in the applicable DO price at the time of completion.

1.1.7.8 Work By Others

During the Contract, there will be various construction fixed priced contracts being performed, for example, as a result of the Government's Invitation for Bid (IFB) process. These contracts will be administered separate from this Contract.

The Contractor shall perform adequate scheduling and planning to continue all Contract Work in full cooperation with these projects.

1.1.7.9 Deferral Codes

GOVERNMENT CAUSED. The following deferral explanations and related codes will be used when work actions cannot be accomplished due to Government interference. If the Contractor fails to request access or attempt to

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start work within the first 25 percent of the time allowed for the task per Table 2-2, a deferral code that assigns the cause for the delay to the Government shall not be used. Additionally, the Administrative *TMR shall be notified within the first 75 percent of the time allowed for the task when work cannot be accomplished due to new site conditions. Notification shall be accomplished electronically and contain enough information to allow sufficient Government action/follow-up. In all cases, the maintenance actions, or portions of which can be accomplished, shall be accomplished. Re-performance of Government caused delays shall be coordinated through the Administrative *TMR.

- Access Denied. Access to a particular building, area, or equipment is denied or prevented by the Government, preventing accomplishment of a work action. Report code "GA" and reschedule maintenance.
- Access Obstructed. The work cannot be accomplished as access to the equipment is physically obstructed (e.g., new wall constructed around the equipment, the equipment is installed preventing access, etc.) and further Government action is required to obtain access. Report code "GO" and reschedule unless notified by the Administrative *TMR to suspend maintenance actions.
- Equipment not in Place. The work cannot be accomplished as the equipment has been, or is being, removed, replaced, modified, placed in storage, or never installed in the system. Report code "GE" and reschedule, unless notified by the Administrative *TMR to suspend maintenance actions.
- Action Invalid. The requested action is inappropriate for the situation and the work cannot be performed. Report code "GI" and reschedule unless notified by the Administrative *TMR to suspend the work.
- Safety Hazard. The action, equipment, or operation will present a safety hazard. Report code "GS" and reschedule unless notified by the Administrative *TMR to suspend work.

CONTRACTOR CAUSED. Any uncompleted maintenance actions not meeting one of the deferral codes above shall be coded "CC" for Contractor Caused and rescheduled.

1.1.8 Information Technology Systems

It is at the discretion of the Contractor to utilize the Government-provided systems or to initiate new systems for the purpose of increasing efficiency and to meet contract requirements. However, the new systems shall parallel and act in the same manner as the Government-provided systems. If the Contractor proposes to deviate from the existing systems, all proposals shall be submitted in writing, through the Administrative *TMR, for approval prior to implementation.

In the event the Contractor uses leased software, the Contractor is required to prepay the lease for one year beyond the end of the Contract. The lease shall allow the Government or the follow-on Contractor to use the software.

1.1.9 JSC Safety and Health Program

Safety and Health at *JSC is implemented in accordance with the requirements of **JPG 1700.1H, **JSC Requirements Handbook for Safety, Health, Environmental Protection, and Emergency Preparedness**, which is closely tied to OSHA's Voluntary Protection Programs (VPP). Current JSC certification as a STAR site under VPP includes its contractors who shall comply with all OSHA and NASA requirements as well. The Contractor shall support JSC compliance with OSHA VPP criteria for which JSC is certified as a STAR site. This includes all team members of the Contractor. It is the nature of VPP that STAR sites must continuously improve their safety and health programs to retain certification; this continuous improvement philosophy extends to JSC onsite contractors as well. The 32 sub-elements of VPP are documented in the Federal Register of July 24, 2000 (available at the following link):

http://www.osha-slc.gov/FedReg_oshadata/FED20000724A.html.

The 4 categorical elements and 32 sub elements of VPP are shown in Table 1-4.

NOTE: There are slight differences in how the sub elements are categorized in Table 1-4 when compared to the Federal Register. OSHA's Region 6 VPP Office (which includes the State of Texas) established the categorical groupings of Table 1-4 for the purpose of annual self-evaluations by VPP certified participants.

1.1.10 General Meeting Support

The Contractor shall support meetings with NASA, JSC customers, and/or JSC Contractors as part of normal business operations. These meetings include, but are not limited to, control boards, incident investigations, status briefings, operations reviews, special review committees/boards external to JSC conducting meetings at *JSC, scheduling meetings, quality reviews, customer tagups, and safety meetings. A *TMR will request Contractor support even though the meetings may be called by NASA or *JSC customers. The COSS Contractor will be expected to support with appropriate technical disciplines or management. These meetings will be held at or in close proximity to *JSC.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
1.2	<p>WORK MANAGEMENT AND CONTROL</p> <p>Ensure all requests for work are received and processed.</p>	<p>Establish a Work Control Center (WCC) to receive, input, categorize, prioritize, schedule, track and document all work 24 hours a day, 7 days a week. All WCC services shall be available at all times, i.e. an answering service only during certain shifts is not acceptable. Establish methods for the Government to contact WCC, (e.g., its location, phone number, electronic mail address, web address) to obtain the status of work requested.</p> <p>For all work requested, WCC shall record in the CMMS, including but not limited to the work order number, requester's name, requesting organization, location of work, category or classification, date requested, schedule, and any government tracking number associated with requested work. (e.g. 930 or CoF project number, HATS number.)</p> <p>a. Receive all work requests courteously and provide to the requester at the time of request the work order number and schedule based on the appropriate CLIN or classification of work. Accurately schedule, categorize or classify work per this contract (e.g., Emergency, Urgent, Routine, or priority work). For repair work, if the requester does not agree with the classification, the request shall be either reclassified or elevated to the Administrative *TMR immediately for resolution. Input work description into CMMS at the time of the request.</p> <p>NOTE: Definitions of work codes are defined in Annex 2, Table 2-1.</p> <p>b. For work requested through the WCC that is not specifically covered by a contract CLIN, notify the requester that the work is being submitted to the Administrative *TMR. Submit the following to the Administrative *TMR within 24 hours of request:</p> <ol style="list-style-type: none"> 1. Description of work requested. 2. Description of the COSS work to be performed to satisfy the request. 3. Identify the *bare cost for a possible service order per Annex 6 within 3 days of the request. <p>In the case of emergency work, mitigate and respond per CLIN 2.3.2, Non Specified Equipment Emergency Response.</p>	<p>**Workload History</p>	<p>WCC accurately receives, processes, and documents all work on time.</p> <p>Full WCC services available 24/7.</p> <p>See above</p> <p>All work courteously received and accurately recorded and maintained in the CMMS.</p> <p>Receive and accurately schedule work on time.</p> <p>Notify customer of schedule and work order number at time of request.</p> <p>Work not specifically covered in contract is accurately determined and submitted to the Administrative *TMR on time.</p> <p>Accurate service order level and description of work submitted on time.</p> <p>All emergency work assigned.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>c. The work order number given to the work requester shall remain the same regardless of the project/task phasing or the number and kinds of crafts assigned. Each work order number shall provide a cradle-to-grave audit trail until all the work requested is completed. Numbers shall be consecutive and accounted for at all times in order to track, schedule, status, etc., all work requested.</p> <p>d. Update and maintain the required CMMS data fields whenever a change occurs, (e. g., changes in classification, funding availability, schedule, location, etc.). Information shall be available and current for Government review 24 hours a day, 7 days a week.</p> <p>e. Notify the responsible Facility Manager or designee of work scheduled at least 48 hours prior to commencement of work. This notification shall be face to face or by phone.</p> <p>NOTE: Notification excepted where the required work occurs too quickly to allow 48-hour notice.</p> <p>f. Provide notice of completion of work to the Facility Manager or designee within 24 hours of work completion. The notice shall include but not be limited to the work order number, work performed, completion date, etc. This notification may be accomplished electronically.</p> <p>g. Track and document all work in the CMMS. Record the date and time of work accomplished, quality control inspection date where applicable, and required fields within the CMMS to provide a complete audit trail of work accomplished. Update and maintain the work order completion information in the CMMS database for inclusion in specified reports or metrics as required by this contract or as directed by the Administrative *TMR.</p>		<p>Accurate scope of work provided on time.</p> <p>All work has a complete audit trail and is traceable by one number.</p> <p>Work only performed with a work order number.</p> <p>All CMMS data inputs are accurate and on time.</p> <p>Notice of scheduled work provided on time and accurately.</p> <p>Notice of completed work provided on time and accurately.</p> <p>All data is complete within the CMMS.</p> <p>All data inputs are accurate.</p>
1.3	FACILITIES	Government-furnished facilities, additional requirements:		
1.3.1	Building Manager Designate a Building Manager.	<p>Designate a Building Manager to manage activities necessary for maintenance of each Government-furnished facility in which the Contractor is the sole occupant (e.g., Buildings 327, 329, 330, etc.).</p> <p>NOTE: Government-furnished facilities are identified in **List of Contractor Facility Floor Plans and **Drawings of Contractor Facility Floor Plans.</p> <p>Coordinate applicable Contractor operations with the NASA Facility Manager (FM) (for joint use facilities).</p> <p>Perform FM duties in the Government-furnished facilities.</p> <p>NOTE: Reference the **Facility Managers Handbook for a list of FM duties and responsibilities.</p>	122,809 square feet.	A Building Manager who performs FM duties.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
1.3.2	Maintain Facilities Maintain Government-furnished facilities and warehousing operations.	<p>Ensure facilities and operations are maintained in a clean and safe condition and exercise reasonable care, security, and protection of same.</p> <p>Comply with all applicable Life Safety Codes, Fire Protection, Energy and Water Conservation Directives and Uniform Building Codes during occupation or use of facilities.</p> <p>Maintain physical security of all assigned facilities, including locking the facility when unoccupied, and provided keys. Establish a Key Control Program that provides a complete audit trail of all keys issued.</p> <p>NOTE: During contract phase-in, the Government will issue keys for assigned facilities.</p>	Nothing additional.	<p>No instances of unsecured facilities, safety violation, fire protection discrepancy, or energy or water conservation regulation violation.</p> <p>Issued keys shall be accounted for at all times.</p>
1.3.3	Facilities Utilization Records Maintain Facilities Utilization Records	<p>Maintain Facilities Utilization Records by indicating the contract functions, personnel, and use of Government-furnished facilities on Facility Housing Plans (FHP).</p> <p>Provide and maintain floor plans showing accurate locations of contract functions in the various Government-furnished facilities. Contract functions shall be identified by Annex and sub-Annex level on drawings.</p> <p>Drawings shall be updated within 30 days of any change. Revisions are submitted to the Administrative *TMR within 15 days of each revision.</p>	Contractor determined. Per Section J, Attachment J.	Records are accurate and revisions submitted on time.
1.4	Contractor Work Area Cleaning Maintain safe, orderly, and clean work areas and Government-furnished facilities.	<p>Perform housekeeping, custodial, and other work to keep areas safe, orderly and clean in all work areas and Government-furnished facilities.</p> <p>Keep work areas, and Government-furnished facilities in which the Contractor operates and maintains, free of debris, accumulation of unorganized parts and supplies, dust, lubricants, unused tools, abandoned equipment, etc. Clean up work and project sites at the end of each day.</p> <p>NOTE: Examples of Contractor's work area are any task site, central plants, site mechanical rooms, tunnels and warehouses.</p> <p>Keep shops, laydown areas, and warehouse areas broom clean and free of any debris, scrap, litter, refuse, or unorganized storage.</p>	Contractor determined.	All work areas and facilities are kept orderly in appearance, safe, and clean.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
1.5	INSTALLATION-ACCOUNTABLE GOVERNMENT PROPERTY Maintain Installation - Accountable Government Property	<p>Perform maintenance and repair on Installation - Accountable Government Property (IAGP), defined in Section J, Attachment I, List 4.</p> <p>Major repair or replacement for IAGP shall be defined as the lessor of 50% of the replacement cost or \$5000 per occurrence. Contact the Administrative *TMR with documented price proposal to support all repairs exceeding 50% of the replacement cost for further analyses and resolution. Perform all repairs necessary to keep the equipment being 100% available to perform its intended function and provide necessary output.</p>	40 Items.	Equipment to be available to perform its intended functions and output during its operating period.
1.6	QUALITY CONTROL			
1.6.1	Quality Control (QC) Program Provide, implement, and maintain a proactive quality program.	<p>Establish, document, implement, and maintain a quality control program, which continually meets contract requirements and improves its effectiveness. The QC program shall be compliant with the requirements of ANSI/ASCQ Q9001 – 2000, Quality Management Systems Requirements. NOTE: Throughout the QC program, wherever the term "product" occurs it also means service.</p> <p>Establish a system that monitors, measures, and controls the quality of products produced by the Contractor and Subcontractor to ensure they meet contract requirements. Ensure that any product, which does not conform to product requirements, is identified and controlled to prevent its unintended use or delivery.</p> <p>Provide continual electronic access to all QC process documentation, such as, but not limited to, work methods, standard operation procedures, quality manual, and corrective action tracking system.</p> <p>Provide a schedule, including subjects, with milestones at the beginning of each contract year outlining all QC Program audit items. For revisions to the schedule provide 5 copies to the Administrative *TMR 15 days prior to implementation.</p> <p>For all quality control program audits performed, provide 3 copies of the audit results to the Administrative *TMR within 10 days of each audit completion. Provide a copy of any associated corrective action plans created in response to any audit nonconformance finding identified.</p> <p>Establish and maintain accessible records to provide clear evidence of conformity of requirements and of the effective operation of the QC Program.</p>	<p>One program.</p> <p>See above</p>	<p>QC Program meets the QC Plan and contract requirements. QC Program is compliant with ISO 9001 – 2000.</p> <p>Continuous electronic access to all QC process documentation is provided.</p> <p>The identified schedule milestones are met and revisions are provided on time.</p> <p>Copies of audit results, and associated corrective action plans, are provided on time.</p> <p>Records shall remain legible, readily identifiable, and retrievable.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>Establish and submit quality objectives needed to meet contract requirements for products/services for all contract requirement functions and levels within the Contractor's organization. Additional emphasis shall be placed on those "high visibility" areas identified below.</p> <p>A Quality Control Manager (QCM) shall be identified and stationed at JSC. The QCM shall be responsible for overall management of the Quality Control Program and shall have authority to act in all Quality Control matters for the Contractor. The QCM shall report directly to the Contractor's onsite management authority or offsite upper management. The QCM shall not have any other duties in addition to quality control. The QCM shall be responsible for reporting on performance of the Contractor's QC Program and ISO 9001 – 2000 implementation and subsequent maintenance.</p> <p>The QCM shall be onsite during *core hours during contract performance. An alternate QCM shall be identified in the QC Plan and the requirements for the alternate shall be the same as for the designated QCM.</p>		<p>QCM monthly reports accurately reflect QC Program and ISO 9001 performance.</p> <p>QCM or designated alternate available at all times.</p>
		<p>a) Perform all corrective actions per requirements specified in Section J, Attachment F. On a monthly basis, for all corrective actions initiated, provide the Administrative *TMR a summary containing a brief description of the problem requiring corrective action, the actions planned, the actions taken, and a status (date open and closed). All corrective action plans shall be made available to the Administrative *TMR upon request.</p>	12 summaries	All corrective actions are performed per Section J, Attachment F, are reported correctly and on time, and made available upon request
		<p>b) By the 15th of each month, measure and report QC program performance, customer satisfaction metrics, and "high visibility" area metrics. "High Visibility" metrics are Safety, Special Events, Work Control Center, Service Orders, CMMS, Environmental Services, Maintenance and Repair, Equipment Accountably, Supply, Operations, Custodial, Engineering, Transportation, and Grounds. Establish a system to act upon customer feedback and metrics to effectively improve delivered products and services.</p>	12 reports	All reports are submitted accurately and on time.
1.6.2	Quality Control Plan Develop and update QC Plan	Submit a Quality Control (QC) Plan that is compliant with ANSI/ISO/ASQ Q9001 – 2000. The initial plan shall be prepared in accordance with DRD AN-1-2 and is subject to government review and approval.	One Plan	QC Plan is compliant with ANSI/ISO/ASQ Q9001 – 2000. Plan was prepared in accordance with DRD AN-1-2.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
1.6.3	ISO 9001 – 2000 Certification Obtain and maintain certification	During any contract period during which the Contractor's QC program is not ISO 9001 – 2000 certified by a registrar, all proposed changes to the Contractor's QC plan shall be submitted to the Administrative *TMR for review and approval prior to implementation. Otherwise, the Contractor shall notify the Administrative *TMR of any proposed changes 10 days prior to implementation.		All QC plan changes are submitted to the Administrative *TMR prior to implementation and on time.
		Update and maintain the QC Plan to ensure it remains compliant with ANSI/ISO/ASQ Q9001 – 2000 requirements.		QC Plan remains compliant all with ISO 9001 requirements.
		Provide updates within 15 days after receipt of applicable contract modifications or whenever a change to the program is proposed.	Contractor Determined	Updates provided within 15 days.
		Perform QC in accordance with the Government-approved QC Plan attached in Section J, Attachment A, Part 3.		QC is performed per the QC Plan.
1.6.4	Continuous Improvement Program (CI) Actively participate on Continuous Improvement Teams.	Obtain ISO 9001 – 2000 registration certification within one year of contract start date. Maintain annual ISO 9001 – 2000 certification through the duration of the contract.	One certification	Maintain ISO 9001 registration certification following obtainment.
		For all quality management systems audits (internal and external) performed as required by NASI/ISO/ASQ Q9001 – 2000 provide a copy to the audit results to the Administrative *TMR within 10 days of each audit completion. Provide a copy of any associated corrective action plans created in response to any audit nonconformance finding identified.	Contractor Determined	Copies of audit results and associated corrective action plans are provided on time.
		Perform all corrective action in accordance with Section J, Attachment F.		
		Provide the appropriate level personnel with expertise in the subject matter to participate on Continuous Improvement Teams for the purpose of developing a solution for continuous improvement when chartered.	Eight teams per year.	Complete and accurate CI solutions presented on time.
1.7	SAFETY AND HEALTH	NOTE: Duration of a single team may range from four to six months. Personnel participation per team may range from two to three persons, 4 hours per week.		

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
1.7.1	Safety and Health Program Implement the Contractor Safety and Health Program in accordance with JSC and VPP requirements.	<p>Develop, implement, and maintain a unified safety and health program for all contract team members according to the Contractor-developed plan in CLIN 1.8.2. The program shall be based upon the 32 sub-elements of VPP found in Table 1-4, "VPP Elements and Sub-elements" and the latest revision of the **JPG 1700.1H, JSC Requirements Handbook for Safety, Health, Environmental Protection, and Emergency Preparedness. Upon any revision to the Safety and Health plan, the program shall be updated within 30 days.</p> <p>The program shall result in:</p> <p>a) An OSHA lost workday case (LWDC) frequency rate (lost day and restricted duty cases included) of 3.61 or less.</p> <p>LWDC frequency rate = number of lost work day cases multiplied by 200,000 and divided by the total number of contract hours worked.</p> <p>b) An OSHA recordable case (ORC) frequency rate (lost day, restricted duty, and medical treatment cases included) of 7.79 or less.</p> <p>ORC frequency rate = number of lost day, restricted duty, and medical treatment cases multiplied by 200,000 and divided by the total number of contract hours worked.</p> <p>c) An OSHA lost workday case (LWDC) severity rate (total days away cumulative) at the end of each contract year of 20.0 or less.</p> <p>LWDC severity rate = total current contract year and prior contract year days away multiplied by 200,000 and divided by the number of contract hours worked (current contract year.)</p> <p>NOTE: Measures do not include occupational illnesses.</p> <p>Ensure the Contractor Safety and Health Program is consistent with VPP objectives. Ensure significant accomplishments and areas of improvement are identified for possible action.</p>	One Safety and Health Program.	<p>Program meets all OSHA, NASA, and VPP requirements and is updated on time per the revised Safety and Health plan.</p> <p>The OSHA frequency rates are at or below the goals specified.</p> <p>The OSHA frequency rates are at or below the goals specified.</p> <p>The OSHA severity rates are at or below the goals specified.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>Investigate Contractor-personnel mishaps and close calls (as defined in the **JPG 1700.1H, JSC Requirements Handbook for Safety, Health, Environmental Protection, and Emergency Preparedness). The investigation includes identifying the root cause and abating the problem by establishing and implementing corrective action.</p> <p>When responding to mishaps and close calls, perform and submit a root cause analysis (e.g., Methods - proximate and contributing causes). Perform the analysis for OSHA recordable mishaps, first aid cases, property damage cases equal to or greater than \$1000, and close calls with risk assessment codes of 1, 2, or 3 as defined in JPG 1700.1H. Solutions (corrective actions) shall address the identified root causes.</p>		<p>Mishaps and close calls are investigated and root cause analyses are correctly performed. Solutions to mishaps and close calls address identified root causes.</p>
1.7.1.1	<p>Voluntary Protection Program (VPP) Certification by OSHA</p> <p>Obtain third party certification assurance of the Contractor Safety and Health Program.</p>	<p>The Contractor (Prime or Partners in a joint venture) shall apply for VPP Merit certification within 1 year after contract start. Obtain VPP Merit certification within 2 years after contract start unless OSHA scheduling prohibits it. Maintain VPP Merit (or better) certification for the lifetime of the contract.</p>	One certification.	VPP Merit certification applied and achieved on schedule and maintained at all times.
1.7.2	<p>Safety and Health Plan</p> <p>Establish and implement a Safety and Health Plan as a contract requirement.</p>	<p>Establish and maintain a Safety and Health Plan in accordance with DRD SA-1-1, "Safety and Health Plan." Implement the plan as approved by the Government. The plan shall be revised as needed to be consistent with evolving JSC, OSHA, and VPP requirements. Revisions to the plan require NASA approval.</p> <p>Review and update the plan annually per DRD SA-1-1 or when directed by the CO.</p>	One Safety and Health Plan.	Plan fully implemented as approved and in complete accordance with NASA safety and health requirements. All 32 VPP sub elements are addressed.
1.7.3	<p>Safety Records, Reports, and Submittals</p> <p>Develop, maintain, and submit records, reports, and submittals.</p>	Submit records, reports, and submittals as specified below.	See below	See below
1.7.3.1	<p>Monthly Statistical Information</p> <p>Develop and submit Statistical Information report.</p>	<p>Provide completed **JSC Form 288 by the 10th of the month following the month being reported in accordance with DRD SA-1-4. Instructions for preparing and submitting this information are provided with the form available from JSC online publications, unless modified by the approved Safety and Health Plan.</p>	Twelve reports	Report is submitted on time and in accordance with instructions.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
1.7.3.2	<p>Safety and Health Program Self-Evaluation</p> <p>Develop and submit a Self-Evaluation report.</p>	<p>Provide an **Annual Evaluation of Safety and Health Program report *annually by September 30th.</p> <p>See DRD SA-1-3 for requirements and delivery instructions. The self-evaluation shall follow the format specified in OSHA TED 8.1, "Revised Voluntary Protection Programs (VPP) Policies and Procedures Manual", Appendix H (Program Evaluation Report), Attachment 2 (VPP Onsite Evaluation Format for Safety and Health Programs) for a STAR work site which is found at the following link: http://www.osha-slc.gov/OshDoc/Directive_data/TED_8_1A.html</p> <p>Provide action plans for identified problem areas. Action plans shall include schedule for periodic progress reports to the Government. Frequency of status reports shall to be agreed to by the Government and the Contractor for each problem area.</p>	<p>One Report</p> <p>Contractor determines action plans</p>	<p>All VPP sub-elements are fully addressed. Report is submitted on time and in proper format. Problem areas show timely improvement or closure.</p>
1.7.3.3	<p>Roster of Terminated Employees</p> <p>Develop and submit a roster of terminated employees.</p>	<p>Consistent with Privacy Act requirements, provide a list of all contract personnel that no longer work on the contract to the Occupational Health Office to facilitate retirement of JSC Clinic medical records. Each employee shall be identified by name, date of birth, and Social Security number. The report is due no later than 30 days after the end of each contract year. (See DRD SA-1-2 for requirements and delivery instructions.)</p>	<p>One report.</p>	<p>All terminated employees (including Subcontractor employees) are listed in the report. Report is accurate and submitted on time.</p>
1.7.3.4	<p>Material Safety Data Sheets (MSDS)</p> <p>Develop and submit Material Safety Data Sheets.</p>	<p>For hazardous materials brought onto *JSC property by the COSS contractor (including the prime, joint venture partners, team members, and subcontractors), provide a MSDS to the JSC Occupational Health Office's Hazard Communication Section. Subsequent processing of MSDS will be in accordance with the Safety and Health Plan. If the material represents a significant change in on site operations, the MSDS shall be provided to JSC Occupational Health at least 30 days prior to arrival to allow a Government assessment of the changes. (See DRD-SA-1-1, 1.7.3 for requirements and delivery instructions.)</p>	<p>Contractor determined.</p>	<p>MSDS meet OSHA and Fed-Std-313 requirements. MSDS are delivered on time.</p>
1.7.3.5	<p>Hazardous Materials Inventory</p> <p>Develop and submit a Hazardous Materials Inventory Report.</p>	<p>Conduct an Inventory of Hazardous Materials *annually for hazardous materials that the Contractor has on NASA property. See **Texas Dept. of Health Hazardous Materials Inventory.</p> <p>Ensure the Government is aware of hazardous Contractor materials by developing, maintaining, and submitting a Hazardous Materials Inventory report in accordance with DRD SA-1-5.</p> <p>Note - JSC Occupational Health provides instructions *annually regarding schedule, coverage, and report format and delivery.</p>	<p>One inventory report</p>	<p>All hazardous materials onsite are inventoried. Report is accurate and submitted on time.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
1.7.3.6	Hazard Abatement Notices and Plans Develop and submit Hazard Abatement Notices and Plans.	For safety hazards within Contractor-occupied facilities that have not been fully abated within 30 days of discovery, submit a completed **JSC Form 1240, "JSC Notice of Safety or Health Hazard and Action Plan." The plan shall be in place within 30 calendar days of discovery and sent to the Administrative *TMR within 45 calendar days of discovery. Maintain the status of abatement plans (schedule changes and action item completion) and forward any updated plans to the Administrative *TMR within 5 working days of status change. Before submission to the Administrative *TMR , each abatement plan shall be entered into the Government's Hazard Abatement Tracking System (HATS). NOTE: Entry into HATS entails completing an on-line form on JSC's intranet. New and open hazards shall be reviewed with the Administrative *TMR monthly to ensure proper abatement and closure of all hazards found in the Contractor's work areas. (See DRD SA-1-1, 3.)	Contractor determined. Twelve reviews.	Plan is accurate and submitted on time. All new hazards are correctly identified and reviewed.
1.7.3.7	Lessons Learned Develop and submit Lessons Learned report.	Develop, maintain, and submit a Lessons Learned report to the JSC Occupational Safety Office in the format specified in DRD SA-1-15, "Lessons Learned." The lessons may come from innovations in safety and health; mishaps; close calls; or any other area pertinent to safety and health and may be required any time during the year. NOTE: The CO may direct the Contractor to develop specific lessons learned.	Four reports.	Report is accurate and submitted on time.
1.7.3.8	Monthly Safety and Health Metrics Develop and submit Safety and Health Metrics report.	Develop, maintain, and submit Safety and Health Metrics report in accordance with DRD SA-1-14. Submit the metrics report to the JSC Occupational Health Office by the 20th of the month following the month being reported.	Twelve reports.	Report is accurate and submitted on time.
1.7.3.9	Log of Occupational Injuries/ Illnesses Develop and submit occupational illnesses and injuries report.	Develop, submit and maintain an annual summary of occupational illnesses and injuries. Report this data in accordance with DRD SA-1-6 by calendar year and provide to the Government no later than 15 February of the year following.	One Report	Report is accurate and submitted on time.
1.7.3.10	Hazards Identification Report work site hazards and hazardous operations.	Report results of annual work site safety analyses. This report shall contain the result of surveys, inspections, close call investigations, and analyses of occupational injuries and illnesses. (See DRD SA-1-1, 2.1-2.5.3.1-3.13.) The report shall list the Contractor's hazardous operations and it shall establish permit structures for hazardous processes.	One Report	Report is accurate and submitted on time.
1.8	ENERGY AND WATER CONSERVATION			

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
1.8.1	<p>Energy and Water Conservation Program</p> <p>Develop, implement and Maintain an Energy and Water Conservation Management Plan.</p>	<p>NASA's Strategic Plan requires *JSC to improve its energy efficiency and water conservation practices without impacting safety or mission support. Federal Legislation has established Federal Energy Resources Management goals at *JSC.</p> <p>Develop, implement, and maintain an energy and water conservation program per the requirements in **DRD AN-1-3, JSC's Energy and Water Conservation and Management Plan. Update the plan *yearly.</p> <p>Plan is due 180 days after contract start (not including phase-in period) to the CO for review and approval.</p>	<p>One plan.</p> <p>*Yearly update.</p>	<p>Plan implemented 30 days after Government review and acceptance.</p>
1.8.1.a	<p>Y2K Heating/Ventilation/Air Conditioning (HVAC) Equipment and Lighting Baseline Status Report</p> <p>Modify, update, and maintain a HVAC Equipment and Lighting Status Report.</p>	<p>Submit and maintain a HVAC Equipment and Lighting Status report per the requirements of **DRD AN-1-1, HVAC Equipment Operational Status Report. The initial submission shall be reformatted to reflect the changes in the DRD. Subsequent reports are to be updated and maintained monthly (by the 15th of following month) using data from the Operational Change Orders (OCO) or Limit Change Orders (LCO).</p> <p>Note: Facility Managers will submit an OCO whenever operational hours for covered equipment change for their building and where the change is longer than 72 hours.</p> <p>Note: Facility Managers will submit an LCO whenever operational limits for covered equipment change for their building and where the change is longer than 72 hours.</p>	<p>12 reports.</p>	<p>On time and accurate</p>
1.8.1.b	<p>Monthly Utility Report (MUR)</p> <p>Submit and Maintain a Monthly Utility Report.</p>	<p>Submit and maintain a MUR per the requirements of **DRD AN-1-4. The initial submission shall be reformatted to reflect changes outlined in the DRD. Subsequent reports are to be updated and maintained on a monthly basis as new buildings and/or equipment are added in the future years.</p> <p>Reports are due on the 15th of the month to the Administrative *TMR for review and approval. Submit per the requirements of **DRD AN-1-4, Monthly Utility Report. The first report after contract start shall be reformatted to reflect changes outlined in the DRD. Subsequent reports are to be maintained monthly and updated as new buildings and/or equipment are added.</p>	<p>12 reports.</p>	<p>On time and accurate.</p>

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1.8.1.c	Quarterly Energy Report (QER) Submit a Quarterly Energy Consumption and Report (QER)	Submit to the Administrative *TMR quarterly each fiscal year a QER per the requirements of **DRD AN-1-5, NASA Quarterly Energy Consumption and Cost Report . The initial submission is due 90 days after completion of the phase-in period and shall be reformatted to reflect changes outlined in the DRD. Subsequent reports are to be updated quarterly as new buildings or equipment are added. Submit the quarterly report 15 days after the last month of each quarter.	Four reports	On time and accurate.
1.8.1.d	Cold Weather Protection Plan Maintain and submit JSC's Cold Weather Protection Plan.	a. Maintain and submit per **DRD AN-1-6, JSC Cold Weather Protection Plan . Submit the plan with incorporated changes to the Administrative *TMR on October 1 for review and approval. b. Perform a freeze protection survey *annually. Survey all site equipment and facilities in November to identify all exterior exposed piping, hose bibbs and equipment which require insulation for freeze protection. Accomplish specifics of plan at *JSC facilities.	One plan One survey	Complete and accurate plan submitted on time. Survey performed on time. Piping or equipment protected from freeze damage.
1.9	FUNCTIONAL METRICS	Develop, acquire, maintain, record, and report all Contract Functional Metrics. Use these data to report various COSS functions and metrics that are required by JSC or NASA and other regulations. Report the various metrics as further defined in the referenced **DRD AN-1-10, Functional Metrics . Update Metrics Reports by the 10 th of each month and per dates required in DRD AN-1-10. Provide continuous electronic access to the updated reports via the LAN.	12 reports.	Metrics Reports are accurate and received on time.. Report data is electronically available continuously
1.10	ENVIRONMENTAL PROGRAMS			
1.10.1	Environmental Requirements Ensure all activities are in compliance with all applicable requirements.	Ensure all Contractor activities performed, and equipment used, at *JSC and EPFOL are in compliance with all local, state, federal environmental requirements and NASA JSC directives, procedures and policies. Comply with the portion of DRD AN-9-1 that describes the COSS Contractor's activities necessary to ensure environmental compliance for its own activities. All appropriate COSS Contractor activities shall be included in compilations of the Center's environmental programs. NOTE: This CLIN refers to work performed by the COSS contractor for the accomplishment of the entire COSS contract. Services to support overall JSC environmental compliance are described in Annex 9. See Table 1-3, Environmental Laws, Regulations, and EO.	Contractor determined.	All Contractor activities performed and equipment used are compliant with all applicable requirements. Appropriate portions of DRD AN-9-1 are followed to ensure environmental compliance for COSS activities.

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		NOTE: The Government remains the owner and operator of record for all activities conducted at *JSC and EPFOL. JSC's Environmental Office will be the single point of contact with regulators, unless otherwise directed by CO or the EO. This office will also submit all correspondence, permit applications, and other similar items to regulatory agencies for all activities, including COSS contractor activities, at *JSC and EPFOL.		All appropriate COSS activities are included in Center program compilations.
1.10.2	Procure Recycled Items/Material Procure items/material containing recycled content.	Procure and use materials with recycled content in accordance with EO 12873 and its amendments and all NASA and JSC Affirmative Procurement policies. Include paper and paper products, lubricating oils, insulation, tires, and concrete as well as any other Environmental Protection Agency (EPA) designated items when economically feasible and where proper equipment operation will not be compromised. Track procurement information of such items.	Contractor determined.	Contractor's procurement and material use are in compliance with EO's and Government Affirmative Procurement policies. Procurement information is accurately tracked.
1.10.3	Environmental Management System (EMS) Comply with all JSC EMS requirements	<p>Conduct all contract work at JSC* and EPFOL in compliance with JSC's EMS (**EMS Policy Manual and associated procedures). This includes, but is not limited to, identifying all COSS Contractor aspects (activities, services and products) that have environmental impacts. In general, these activities are broadly defined and are not task-level.</p> <p>All new or changed contract work shall be evaluated and entered into the database in accordance with EMS procedures. All aspects with impacts must be controlled through procedures or engineering controls or other appropriate methods. These controls must be documented in the database.</p> <p>Include environmental requirements, controls, calibration, measuring and monitoring, and training requirements in operating procedures and other documentation. Use JSC's quality management system procedures for COSS internal EMS documentation, records or other EMS requirements until COSS ISO 9001 registration is achieved. Following COSS ISO 9001 registration, either JSC or COSS system can be used as long as all JSC EMS requirements are met.</p> <p>Initiate corrective or preventive action in accordance with **EMS Policy Manual and associated procedures on all non-conformances identified during EMS audits.</p>	Contractor determined	All work complies with JSC's EMS.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>NOTE: Information collected when developing and completing the environmental checklist identified in DRD AN-9-1 can be used to identify EMS impacts as long as all the elements of the EMS Impacts procedure are followed. A database listing current BOSS contractor aspects and impacts exists and the COSS contractor may add to or edit that list rather than developing a new list.</p> <p>NOTE: Even if the COSS contractor achieves ISO 14001 registration for its activities, all JSC EMS requirements must be followed for on-site activities.</p> <p>NOTE: Fulfillment of this CLIN does not meet the requirements for meeting NEPA impact assessment.</p>		
1.10.4	Affirmative Procurement Comply with all Affirmative Procurement requirements.	<p>Comply with all affirmative procurement requirements for all products procured by the COSS Contractor for the performance of all contract requirements (included subcontractors) as identified in FAR and NASA NPG and JSC procedures. Waivers must be submitted and approved by the Environmental TMR for each product that will not meet affirmative procurement requirements prior to the procurement of a non-conforming product.</p> <p>Track the purchase of all products on the Comprehensive Procurement Guideline list, including but not limited to:</p> <ol style="list-style-type: none"> the total amount of each item purchased (\$) the total amount of each item purchased that contained recycled content (\$), the constraint for each purchase that did not meet affirmative procurement requirements, total number of waivers requested, and the total number of waivers approved. <p>This information shall be compiled along with other information to complete the center-wide report identified in CLIN 9.16.8.3.</p>	Contractor determined	<p>All items on the CPG list procured by the contractor (including subcontractors) meet the minimum recycled content requirements, unless a waiver was received prior to purchase.</p> <p>All required information is accurately tracked and provided on time.</p>
1.10.5	Prohibited and Restricted Materials Control and track prohibited and restricted materials.	<p>Ensure that no Class I ozone depleting substances (ODS) and no polychlorinated biphenyls (PCB) are purchased or used in equipment procured or controlled by the COSS contractor at *JSC or EPFOL. Obtain written waiver from Environmental TMR prior to purchase and use, if there is no acceptable alternative to Class I ODS.</p>	Contractor determined	No instance where Class I ODS or PCB are purchased or used.

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1.10.6	Ozone Depleting Substances (ODS) Track equipment containing ODS.	Identify and track each piece of equipment operated or controlled by the Contractor that contains Class 1 or 2 ODS for the following: a) the amount of ODS contained in the equipment, b) the average cost per pound of the ODS, c) the amount of ODS released from or added to the equipment annually, d) the amount of the ODS recycled or reclaimed per year, e) the method of reclamation of ODS, and f) whether a substitute or alternative is being evaluated for the ODS. This information shall be compiled with additional information to complete the center-wide report identified in CLIN 9.16.8.5.	75 items	All required information is tracked, accurate and provided on time.
1.10.7	Polychlorinated Biphenyls (PCB) Track equipment containing PCB.	Identify and track each piece of equipment operated or controlled by the Contractor that contains PCB in concentrations of 1 mg/l or greater and comply with all regulatory requirements, as applicable. NOTE: This CLIN applies to equipment located at JSC or EF that contained PCBs prior to COSS contractor involvement as identified in the **PCB Containing Equipment Inventory List .	75 items	All required information is tracked, accurate and provided on time. All regulatory requirements are followed.
1.10.8	Participate in Recycling Programs Participate Fully in all *JSC Recycling Programs	All COSS contractor personnel and departments, including subcontractors, must place unused or discarded materials into JSC recycling programs, including but not limited to: scrap metal, batteries, fluorescent lamps, paper, cardboard, pallet, aluminum cans, and any other material where on-site recycling is available.	Contractor determined	All personnel place recyclable discarded materials into JSC's recycling programs.
1.11	EMERGENCY MANAGEMENT PROGRAM Plan, develop, manage, and accomplish Contractor supporting SOP's of the JSC Emergency Preparedness (EP) Plan.	Establish and implement an Emergency Management Program to ensure compliance with JSC, EF, and SCTF EP Plans. Program shall be inclusive of all required EP Annexes, Appendices, and SOP's that support overall Center Plan. Accomplish plan per DRD AN-1-7. Develop an EP Plan that parallels **JSC's Emergency Preparedness Plan . Provide update support to the JSC Plan, as required, and update SOP's on yearly basis for all annexes or appendices which pertain to the COSS Contractor's scope of responsibilities.	One plan.	Contractor's Program is in compliance with JSC's Emergency Management Program across all contract functions. Plan and SOP's are kept current.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
1.12	CONTRACT REVIEW MEETING Report contract cost and workload data	<p>Present and explain the cost data reported on NASA Form 533, created in accordance with DRD AN-1-19, with the JSC Center Operations Directorate management, Procurement Office, and others. Clearly communicate cost and workload variances to the meeting attendees to explain both actuals and expectations. Provide any additional data required to effectively demonstrate the Contractor's cost management effort. NOTE: Each monthly meeting is expected to last about four hours.</p> <p>Support the Government in creating an annual cost-operating plan prior to the beginning of each government fiscal year (October 1 – September 30). Based upon the funding plan communicated by the Government, accurately produce an annual technical and cost plan consistent with the funding for that fiscal year. Support the Government's annual budget planning process by providing cost estimates, analyses, technical impact statements and decision packages as required. NOTE: The exact support requirements and their schedule will be given when the support task is assigned.</p> <p>Once the annual technical and cost plan has been finalized, assist the Government in the management of the plan as annex level cost and workload variances occur. In addition, support the JSC Center Operations Directorate management, Procurement Office, and others throughout the life of the contract as they respond to variations in funding levels and technical priorities.</p>	12 Meetings	<p>Presented cost data is accurate, organized per the DRD AN-1-19 required format, and variances are clearly explained.</p> <p>Support requirements are accurately met on time.</p> <p>Assistance is promptly and reliably provided.</p>
1.13	PERSONNEL REQUIREMENTS Provide properly trained and qualified personnel.	<p>Ensure compliance with all industry standards, Federal, State, and Local laws regarding licenses, certifications, and training of employees performing the specified services, to the same degree as requirements fulfilled on non-Federal Property.</p> <p>Ensure training is updated and kept current for activities that require periodic recertification. Employee shall not be allowed to perform task for which the certification is not current.</p> <p>NOTE: The Government's minimum staffing requirements, qualifications, training, certifications, and other requirements are identified in the applicable annex.</p>	Contractor specified.	Personnel are fully qualified to hold the position designated. Personnel conduct themselves in a proper, courteous, and business-like manner.
1.13.1	Sufficient Qualified Personnel Staffing Provide a sufficient number of competent and qualified personnel to accomplish the services.	<p>Contractor personnel assigned to operate either Government-owned or Contractor-owned/leased motor vehicles/equipment in the performance of this Contract shall be certified by the Contractor as being fully qualified to operate the vehicles/equipment to which they are assigned and be licensed as required by State and local Governments.</p> <p>Ensure a sufficient number of personnel are qualified to perform the volume and types of work requiring specific knowledge and skill as identified in all Performance Requirements.</p>	Contractor specified.	Sufficient numbers of qualified personnel assigned.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
1.13.2	Certified Operators Provide properly trained and certified operators.	<p>Ensure operators are trained and certified for systems equipment and process they operate.</p> <p>Document all operator training and certification. Provide adequate drills and exercises in conjunction with the Contractor's QC Program that confirm operators' knowledge, skills, safety, and understanding of operational requirements. Drills, certification, testing, and scheduling are the Contractor's responsibility.</p> <p>Provide an adequate number of environmental operators to operate environmental equipment, escort, weigh in and weight out trucks for waste shipments, perform environmental inspections and keep environmental documents. Requires a minimum of 4 years of experience in the operation of environmental equipment and regulatory record keeping.</p> <p>Ensure operators exercise due care while operating equipment and accomplish appropriate pre-operational inspections of the equipment as required by JSC Standards.</p> <p>NOTE: Reference Annex 4, Operations, and Annex 9, Environmental, for additional requirements.</p>	Contractor determined.	Qualified operators are assigned.
1.13.3	Emergency Preparedness Personnel Provide properly trained and qualified Emergency Preparedness Personnel.	Provide support personnel (e.g., plumbers, electricians, heavy equipment operators) and Emergency Response Personnel that are properly trained to the appropriate OSHA HAZWOPER training level specified in 29CFR1910.120 and 29CFR1910.1200 and JSC's Emergency Preparedness Plan, JSC-05900. Training shall be provided and updated at least annually and as required by regulation for all new employees.	Contractor determined.	Personnel are adequately trained. All assigned personnel are qualified.
1.13.4	Crewman Personnel Certification Ensure personnel operating lifting equipment are properly trained and certified.	<p>Ensure all personnel hired to work under this Contract as crane and forklift operators and crewman are certified by JSC prior to operating cranes and forklifts and performing duties as crewman in support of JSC Programs.</p> <p>All Contract personnel in above crafts shall have the appropriate JSC Certification at the start of contract. Thereafter, the Contractor shall notify the Administrative *TMR by typed memo requesting recertification of the appropriate personnel prior to the initial certification expiring. A JSC Form 1464 (Certification For Lifting Program Hardware) will be provided by the Government to each certified employee after the employee satisfactorily completes a written and hands-on examination. These certifications are required by the **NSS/GO-1740.9B, NASA Safety Standard for Lifting Devices and Equipment and **JSCM 1700D.</p>	Nothing additional.	No operations using uncertified operators.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
1.13.5	Energy Manager Manage Contractor's Energy and Water Conservation Program	<p>Appoint an individual to serve as a focal point for all energy matters and to manage and monitor energy and water consumption and conservation. The individual shall be an Association of Energy Engineers (AEE) certified energy manager or a Texas Registered Professional Engineer. The energy manager shall be proficient in the following areas:</p> <ul style="list-style-type: none"> a. Fundamentals of building energy systems. b. Building energy codes and applicable professional standards. c. Energy Accounting and analysis. d. Life cycle cost methodology. e. Fuel supply and pricing. f. Instrumentation for energy consumption and metrics. 	Contractor determined.	Manager available and meets personnel requirements
1.13.6	Environmental Training Provide all environmental training required by pertinent regulations or NASA policy.	<p>Plan, schedule, and accomplish environmental training for all employees conducting activities that will require it. Maintain all training and certificate records in accordance with CLIN 1.1.4 and applicable regulations.</p> <p>At termination of the Contract, relinquish all environmental training records in accordance with regulations that require that records be maintained for a minimum of 3 years or more.</p> <p>Ensure that all COSS Subcontractors have all required training prior to conducting applicable activities.</p> <p>Training shall be provided in the following areas, at a minimum. Other training may be required.</p> <ul style="list-style-type: none"> a. Resource Conservation and Recovery Act Training for all persons handling hazardous wastes or working on systems managing hazardous wastes. b. Asbestos Abatement Training for all persons performing asbestos abatement in accordance with the **JSC Asbestos Control Manual, EPA, and OSHA. c. Environmental Management System awareness training for all persons who perform any task that may have an impact on the environment in accordance with **JSC's EMS Policy Manual and references. 	Contractor determined.	<p>All personnel are trained as required by regulation, JSC policy or other requirement.</p> <p>Training records are accurate, complete and easily accessible.</p> <p>All required training records are turned over to the government at the termination of the contract.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<ul style="list-style-type: none"> d. Storm Water Pollution Prevention training for all persons who perform activities that may result in pollution of the storm water in accordance with state regulations and the **JSC and EF Storm Water Pollution Prevention Plans. e. Spill Prevention Control and Countermeasure Plan (SPCC) training for all persons who handle or manage petroleum products in accordance with state regulations and **Johnson Space Center (JSC) Spill Prevention, Control, and Countermeasure and EF's SPCC Plan. f. Provide visible emission observer training and certification sufficient to ensure that there is a certified observer available on-site when equipment that may have visible emissions are started or on other occasions when readings are required. The certification is the "Visible Emission Evaluator Certification" from the Texas Natural Resource Conservation Commission, Operator Certification Section. g. Pollution Prevention and Recycling training for all employees who perform activities requiring participation in recycling activities or who require information on how to minimize or reduce pollutant generation. h. Texas Natural Resources Conservation Commission (TNRCC) Spill/Release Rule training for the spill response supervisor and other personnel as appropriate. 		
1.14	RECORDS, REPORTS, AND SUBMITTALS			
1.14.1	Workload Data Collection Report Collect Contract Workload Data	Provide workload data collection for all identified work types per DRD AN-1-17, Workload Data Collection. The compiled annual report covering the entire contract year shall be delivered by May 1 of each year for the previous year.	1 Report	All requested data is accurately collected, identified and reported on time.
1.14.2	Fixed Price Award Proposal Create firm fixed price proposal	Provide a proposal to covert all or part of the COSS contract into a firm fixed price contract per DRD AN-1-18, Fixed Price Award Proposal. Deliver this proposal two years after contract award.	One Proposal in Year Three	The proposal is clearly written, completely provides all requested information, and is on time.
1.14.3	Cost Data Report Collect Contract Cost Data	Provide a cost data report for all COSS work per DRD AN-1-19, Cost Data Report. Reports shall be delivered monthly by the 15th of the month.	12 Reports	All requested data is accurately collected, identified and reported on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
<u>1.14.4</u>	<u>NF533 Cost and Data Report</u> <u>Deliver contract cost and workload data</u>	<u>Prepare NASA Form 533 cost reports monthly in accordance with DRD AN-1-19 to project contract costs and hours to ensure that dollar and labor resources realistically support contract requirements.</u>	<u>12 Reports</u>	<u>All requested data is accurately collected, identified and reported on time.</u>
<u>1.14.5</u>	<u>Wage/Salary & Fringe Benefit Data</u> <u>Provide Wage/Salary & Fringe Benefit Data</u>	<u>Provide Wage/Salary and Fringe Benefit Data as identified in Section J, Attachment C, DRD AN-1-9.</u>	<u>1 Report</u>	<u>All requested data is accurately collected, identified and reported on time.</u>
<u>1.14.6</u>	<u>Notification of Potential Labor Dispute and Contingency Strike Plan</u> <u>Provide Notification of Potential Labor Disputes</u>	<u>Provide a Notification of Potentials Labor Dispute and Contingency Strike Plan as identified in Section J, Attachment C, DRD AN-1-11. The plan will be contractor initiated at the first indication of potential labor unrest.</u>	<u>Contractor determined.</u>	<u>Reason for labor unrest and contingency steps accurately identified and on time.</u>
<u>1.14.7</u>	<u>Subcontracting Reports</u> <u>Provide Annual Subcontracting Report</u>	<u>Provide a Subcontracting Report as identified in Section J, Attachment C, DRD AN-1-13.</u>	<u>1 Report</u>	<u>All requested data is accurately collected, identified and reported on time.</u>
<u>1.14.8</u>	<u>Security Reporting Requirements</u> <u>Provide a Security Reporting Requirements</u>	<u>Provide a Security Report that provides information as identified in Section J, Attachment C, DRD AN-1-14.</u>	<u>Contractor determined.</u>	<u>All requested data is accurately collected, identified and reported on time.</u>

TABLE 1-1
DEFINITIONS

Annually – Service is accomplished once during each 12-month period of the contract, at intervals of 11 to 13 months. Synonymous with "yearly."

Annual Work Plan (AWP) – A plan prepared on an annual basis prior to the start of the applicable fiscal year that systematically lays out the maintenance and repair work to be accomplished.

Backlog of Maintenance and Repair (BMAR) – The unfunded facilities maintenance work required to bring facilities and collateral equipment to a condition that meets acceptable facilities maintenance standards.

Bare Cost – The applicable sum of: (1) labor wage rate (including employer paid fringe benefits), (2) material and, (3) equipment cost, without overhead and profit applied.

Center Operation Support Services (COSS) – A multi-function Johnson Space Center Contract providing center operating services for Johnson Space Center, Ellington Field and Sonny Carter Training Facility.

Benchmark – A standard against which something is measured.

Building Manager – A Contractor employee designated by the Contractor to perform Facility Manager duties in each Government-furnished facility in which the Contractor is the sole or primary occupant.

Bulk – For purposes of this contract, bulk is defined as any material, container, or packaging with an internal volume greater than 119 gallons.

Chlorofluorocarbons (CFC's) – A family of chemicals used in refrigerants in some commercial air conditioning and refrigeration systems and in other applications.

Collateral Equipment – Encompasses building-type equipment, built-in equipment, and large, substantially affixed equipment/property that is normally acquired and installed as part of a facility project as described below:

Building-Type Equipment – Equipment normally required to make a facility useful and operable. It is built-in or affixed to the facility in such a manner that removal would impair the usefulness, safety, or environment of the facility. Such equipment includes elevators; heating, ventilating and air conditioning systems; transformers; compressors; and other like items generally accepted as being an inherent part of a building or structure and essential to its utility. It also includes general building systems and subsystems such as electrical, plumbing, pneumatic, fire protection, and control and monitoring systems.

Built-In Large, Substantially Affixed Equipment – A term used in connection with facility projects of any type, other than building-type equipment, that is to be built-in, affixed to, or installed in real property in such a manner that the installation cost, including special foundations or unique utilities service, or the facility restoration work required after its removal is substantial.

Computerized Maintenance Management System (CMMS) – A CMMS is a set of computer software modules, hardware, and equipment data bases containing facility utilities and structures data with the capability to process the data for Section C Functions. These maintenance-related functions typically include, but are not limited to:

Work Input Control

Job Estimating

Work Scheduling and Tracking

Facility/Equipment Inventory

Facility/Equipment History

Building Operations and Maintenance (including the normal CMMS functions)

Preventive Maintenance

Predictive Maintenance

Facility Inspection and Assessment

Material Management

Utilities Management

Condition Assessment – Condition assessment is the inspection and documentation of the material condition of facilities, structures, utilities, and equipment, as measured against the applicable maintenance standard. It provides the basis for long-range maintenance planning as well as annual work plans and budgets.

Consumables – Expendable material and/or supplies used on a recurring basis.

Continuous Inspection – A program of periodic, scheduled inspections of facilities and equipment to determine their condition with respect to specified standards.

Continuous Unit – For purposes of this contract, continuous unit is defined as an uninterrupted segment of a specified unit. Uninterrupted means no more than 25 feet between connecting sections of the same unit. For example: A chain link fence separated by a 12' gate is a continuous unit with sections; a gravel road intersected by a 24' paved road is a continuous unit; a sidewalk intersected by a 24' driveway is a continuous unit.

Contracting Officer (CO) – "Contracting Officer" means a person with the authority to enter into, administer, and/or terminate contracts and make related determinations and findings.

**TABLE 1-1
DEFINITIONS**

Contracting Officer's Technical Representative (COTR) – A Government employee with technical training and experience appointed by the Contracting Officer to assist in the following functions:

Ensuring services under the terms and conditions of this contract are accomplished as defined.

Providing technical clarification of work requirements specified in their functional annex. The COTR serves as the central point of contact between the customer, the Contractor, and the Contracting Officer.

Contractor-Acquired Property – Material, supplies, and/or equipment that is procured or otherwise acquired by the Contractor, to which the Government has title.

Contractor-Furnished Property (CFP) – Material, supplies, and/or equipment provided or acquired by the Contractor and in the possession of the Contractor, to which the title remains with the Contractor until installed or utilized in performance of contract services.

Core Hours – For purposes of this contract core hours are 0700-1630, Monday through Friday excluding holidays.

Current Replacement Value (CRV) – Approximate cost to replace an existing facility in its present form. NASA calculates CRV by escalating facility and collateral equipment acquisition cost, and any incremental book value changes of \$1,000 or more to present-year dollars using the Engineering News Record (ENR) Building Cost Index (BCI). The NASA Real Property Data Base Program or NASA approved equivalent is used in performing the required calculations.

Criticality Class Codes – See RCM Criticality Class Codes.

Daily (D) – Service is accomplished at intervals of 22 to 26 hours, Monday through Friday (excluding holidays), during each 12-month period of the contract (not including Saturday and Sunday).

Daily, 7 days a week (D7) – Service is accomplished at intervals of 22 to 26 hours, Monday through Sunday, during each 12-month period of the Contract.

Day – For purposes of this contract, a day is defined as one calendar day.

Debris – For purposes of this contract, debris is defined as any trash, wastepaper, garbage, gum, or other matter lying scattered about which is foreign to its surroundings; e.g., leaves/rocks in lawns, branches in roads, or other items not placed or intended for the given location.

Deferral Codes – Codes used by the Contractor that indicate the reason for a delay in work accomplishment. The codes cover both Government and Contractor caused delays.

Design – This term is used to encompass both preliminary design and final design for facility projects.

Direct Digital Control (DDC) – A control loop in which a digital controller periodically updates a process as a function of a set of measured control variables using a given set of control algorithms. For example, DDC signals from a central computer can be converted to a voltage or pneumatic signal to operate an actuator to perform necessary mechanical functions.

Directed Services – Government ordered work on unscheduled COSS service work that may include, but is not limited to maintenance; corrective maintenance; repair; alterations; modernization; new capability construction; engineering; and other support service work.

Disposition – The disposal, treatment, recycling or offsite storage of any industrial solid waste. This does not include storage in an authorized, onsite facility.

Drawings – Graphic data, including drawings as defined in MIL-STD 100A and prepared in accordance with MIL-STD-1000, Category D; aperture cards in accordance with MIL-C-9877; and graphs or diagrams in accordance with industry standards and industry specifications on which details are represented with sufficient information to define completely, directly, or by reference the end result for use in the selection, procurement, and manufacture of the item required.

Dust free – The result or work the Contractor accomplishes to keep work areas such as data processing, research and medical equipment areas, etc., protected from damage and accumulation of dust.

End Result – Includes all necessary actions to accomplish a requirement.

Energy Monitoring and Control System (EMCS) – A computerized system for monitoring and controlling remote systems through an integrated system of network controls.

Enterprise Building Integrator (EBI) – The Honeywell energy management system.

Facility Manager (FM) – The responsible Government person, a point of contact for the onsite safety and health of a building and its occupants (building "superintendent").

Fiscal Year (FY) – An accounting period of 12 months. NASA fiscal year extends from October 1 through September 30 of the following year.

Government Property – All property owned or leased by the Government or acquired by the Government under the terms of the contract. It includes both Government-furnished and Contractor-acquired property.

Grounds Care – Grounds Care is the maintenance of lawns, shrubs, trees, sprinklers, right-of-ways and open fields, drainage ditches, other similar improvements to land, and pest control when performed outside of buildings. The maintenance tasks include mowing, spreading fertilizer, trimming hedges

TABLE 1-1
DEFINITIONS

and shrubs, clearing ditches, snow removal, and related work. Included in this category is the cost of maintaining Grounds Care equipment such as mowers and tractors.

Holidays – Federal holidays include New Year's Day, Martin Luther King, Jr. Day; Presidents' Day; Memorial Day; Independence Day, Labor Day; Columbus Day; Veterans' Day; Thanksgiving Day; and Christmas Day.

Immediate/Immediately – For purposes of this contract, immediately means with no interval of time or delay. Immediate response shall comply with training received through Emergency Vehicle Operators Course (EVOC) Training.

Industrial Solid Waste (ISW) – Waste that is regulated by TAC 335, includes all hazardous wastes, Toxic Substance Control Act wastes, mixed radioactive waste, or any other waste that is similar to wastes incidental to any process of industry or manufacturing. Includes TNRCC Class 1, Class 2 and Class 3 Wastes.

In-House – For purposes of this contract, "in-house" labor includes all labor performed by prime Contractor employees or employees of Subcontractors permanently involved with functions identified in this contract. "In-house" labor does not include labor resulting from one-time contracts/services.

Installation – In Annex 7, an installation is geographically contiguous property owned by NASA JSC. EF and SCTF are each installations since they are not contiguous.

Installation – Accountable Government Property (IAGP) – Property in the possession of, or directly acquired by the Government and subsequently made available to the Contractor for use in the performance of work related to this contract.

Johnson Space Center (JSC) – For purposes of this contract, Johnson Space Center (JSC) includes JSC, Ellington Field (EF), and Sonny Carter Training Facility (SCTF) unless otherwise stated to exclude one or more of the facilities. See maps in Section J.

Landscaped Areas – Areas at JSC that are maintained as a flowerbed with flowers, small ornamental trees, azaleas or other shrubs and are mulched, are weed free, and have landscape timber borders.

Life-Cycle Costs (LCC) – A form of economic analysis that considers the total cost of owning, operating, and maintaining building and equipment over its useful life. LCC's are the sum of the present value of:

- (a) Investment costs, less salvage values, at the end of the useful life;
- (b) Nonfuel operation and maintenance costs;
- (c) Replacement costs, less salvage costs, of replaced building systems;
- (d) Energy costs.

All life-cycle costing analyses of energy-related projects shall be performed using the energy cost projections and discount rates provided by the National Institute of Standards and Technology in support of Department of Energy responsibilities under the most current version of 10 CFR, Part 436, Subpart A.

Line Item – An individually identifiable record (e.g. equipment, data, task) or occurrence of the contract.

Litter – Trash, wastepaper, garbage, or other matter lying scattered about which is foreign to its surroundings.

Mission Critical – Stock that is necessary to provide support to the Manned Space Flight Program.

Mission Variable Facility – Specialized Facilities supporting energy-intensive activities directly related to the level of mission activity, such as Building 49, Building 222, etc. The National Energy Conservation Policy Act (NECPA) allows for exempting these facilities from the Federal Energy Reduction Goals.

Mitigate/Mitigation – For purposes of this contract, mitigation includes arresting the immediate problem/situation and repairing, or restoring the piece of equipment, property, or system to an acceptable condition such that it may be utilized for its intended purpose. Repairs may be temporary; however, temporary repairs shall not create an unsafe environment, allow additional damage to incur, or result in higher, unusual costs to the Government in terms of additional wear and tear on property/equipment, excessive use of utilities, etc.

Monthly (M) – Service is accomplished at intervals of 28 to 32 days during each 12-month period of the contract.

Non-Bulk – For purposes of this contract, non-bulk includes material, containers or packaging with an internal volume less than 119 gallons.

On-Line Access – Immediate and direct access by local area network using Government computers to databases generated for the purposes of contract requirements with the capability to compile and generate reports.

Outage – The planned or unintentional interruption or termination of a utility service such as electricity, water, steam, chilled water, or communication.

Paved Areas – Includes all paved off-street areas intended for vehicular usage, including parking lots, piers, hardstand areas, access roads and entranceways to parking areas and buildings, turn-arounds, loading/unloading areas, including loading dock areas, etc.

Pre-Designated Staging Area (PSA) – Temporary areas established for the collection of Regulated Substances, awaiting pickup to a retention/treatment facility. PSA's are not designated as retention facilities/locations.

Predictive Testing & Inspection (PT&I) – Trend performance and analytical data. PT&I is the use of advanced technology to assess machinery condition. It

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**TABLE 1-1
DEFINITIONS**

replaces maintenance scheduled at arbitrary times or usage intervals with maintenance that is scheduled only when the condition of the equipment requires it. The PT&I data obtained allows for planning and scheduling corrective maintenance or repairs in advance of failure. PT&I utilizes primarily non-invasive techniques and inspection activities for facility utilities and structure items that generally require more sophisticated means to identify maintenance requirements than those of Preventive Maintenance.

Pre-Expended Bin Material – Includes all normally stocked, common use items inherently used by craftsman during the performance of their jobs. Pre-expended material will include all items with an extended price up to \$25 per line item, before tax.

Preventive Maintenance (PM) – Also called time-based maintenance or interval-based maintenance. PM is the planned, scheduled periodic inspection, adjustment, cleaning, lubrication, parts replacement, and minor repair of equipment and systems for which a specific operator is not assigned. PM consists of many checkpoint activities on items that, if disabled, would interfere with an essential Center Operation, endanger life or property, or involve high cost or long lead time for replacement.

Proactive Maintenance (PAM) – It seeks to reduce the need for maintenance through better design, better installation, precision balance and alignment, and root-cause failure analysis.

Programmed Maintenance (PGM) – Programmed maintenance are those maintenance tasks whose cycle exceeds one year, such as painting a building every fifth year. (This category is different from PM in that if a planned cycle is missed the original planned work still remains to be accomplished, whereas in PM only the next planned cycle is accomplished instead of doing the work twice, such as two lubrications, two adjustments, or two inspections.)

Property Administrator – Authorized representative of the Contracting Officer who is assigned to administer the contract requirements and obligations relating to Government Property.

Quarterly (Q) – Service is accomplished at intervals of 80 to 100 days during each 12 month period of the contract.

Reactive Maintenance – Often called breakdown maintenance or "run to failure (RTF)." Reactive maintenance or equipment repairs are performed only when the deterioration in a machine's condition causes a functional failure. A high percentage of unplanned maintenance work, high replacement part inventories, and the inefficient use of maintenance personnel typify this strategy.

Ready-for-Issue – In a usable condition and available for immediate use.

Real Property – Any interest in land and anything permanently attached to it, including structures, fixtures, and their improvements.

Recurring Work – Work which is performed under the contract which is not a part of the Scheduled Maintenance and Repair Program and is required an undetermined number of times during the year, but is required at least once. This work will be accomplished as required. An example is implementation of the Hurricane Plan which will be performed (partially) once per year at the start of hurricane season with the resumption and completion of the plan carried out dependent on the number of storms which threaten the Texas Gulf Coast.

Recycled – Includes use, reuse, or reclamation of a discarded material.

Refuse – Discarded garbage, ashes, debris, branches and limbs, waste material, sand blast grit, etc. Wet refuse includes vegetable wastes and animal bones, fat, scraps, etc., resulting from food consumption and preparation. Does not include infectious or hazardous waste or bulky refuse such as appliances, furniture, trees and large branches, large auto parts, etc.

Regulated Substances (RS) – For purposes of this contract, regulated substances includes any substance regulated by environmental regulations such as hazardous wastes, industrial wastes hazardous material, recyclables, and Toxic Substance Control Act (TOSCA) material.

Reliability Centered Maintenance (RCM) – RCM is a maintenance strategy that logically incorporates into a maintenance program the proper mix of reactive, preventive, predictive, and proactive maintenance practices. Rather than being independent, the four maintenance categories draw upon their respective strengths to maximize facility and equipment operability and efficiency while minimizing required maintenance time, materials, and, consequently, costs.

Reliability Centered Maintenance (RCM) Criticality Class Codes –

Class I – Mission Critical – Class 1 facilities or systems are based on the presence of at least one of the following criteria: (1) the loss of the facility or system would impact a launch; (2) the loss of a facility or system would restrict or prohibit a spacecraft landing, or would require a mission to be cut short or cause a mission objective to be lost or restricted; or, (3) an existence of a potential or existing environmental, Occupational Health, or safety issue that would have grave consequences.

Class II – Site Critical – Class II facilities or systems are ones where the loss of the facility or system would severely limit the intended function, use or capacity, could impact a very large number of people or could have a large economic impact. A system example is a piece of equipment that has a very high cost or long lead procurement time required for replacement.

Class III – Mission Support – Class III facilities or systems are ones that are costly to maintain but do not directly impact a mission. Facilities and systems seriously impacting other operations and cost (for example, steam trap monitoring for energy conservation) may be within this classification.

TABLE 1-1
DEFINITIONS

Class IV – Program Support - Facilities or systems that have a history of significantly impacting mission or maintenance costs are included as Class IV. These items shall be evaluated periodically to determine whether routine Predictive Testing and Inspection techniques are cost effective and warranted for the facility or utility.

Class V – Site Support - Class V facilities or systems are ones that have no direct site utility or mission impact. This is the lowest criticality class code level that Predictive Testing and Inspection is performed on. Most equipment or systems in this category are isolated systems, have impact on a minimum number of personnel or affect a small portion of a facility, structure, or utility.

Root-Cause Analysis – A detailed technical procedure performed on an item of equipment that is having repeated breakdowns or is experiencing excessive wear. It is also performed when a safety, Occupational Health, or environmental incident occurs.

Scheduled Maintenance (SM) – The planned, routine, repeatable, scheduled maintenance work on specified significant structures, facilities and utilities or systems (SFUSS) and components thereof. Scheduled maintenance work has a Contractor limit of liability as defined in Annex 2.

Selected – Records, reports, and submittals that are further defined by a DRD.

Semi-Annually (S) – Service is accomplished two times during each 12-month period of the contract, at intervals of 160 to 200 days.

Service Order (SO) – A unit of Directed Support service work that may be ordered by the Government to perform a pre-priced unit of discretionary directed services work. Work ordered may be maintenance, corrective maintenance, alterations, repair, modernization, new capabilities, engineering services, or other contract work.

Shift – The period of time defined as one third of a 24-hour day.

Shipment – Physical distribution/movement and storage functions associated with commodities identifiable to specific documentation.

Special Purpose Equipment – A wide variety of non-collateral equipment.

Specified Significant – The JSC defined line item in a listing that indicates specific structures, facilities and utilities or their respective systems thereof such as: systems, equipment, component on which the Contractor shall perform SM work to result in the delivery of specified reliability, availability, function, redundancy and output.

Standing Work – Work which is performed under the contract which is not a part of the Scheduled Maintenance and Repair Program and is required a pre-determined number of times during the year. The schedule can be specifically called out as in, once per hour or may be left to the Contractor, as in, once

annually. An example is implementation of the Fall/Winter Setback Plan which always occurs once per year during the fall of the year.

Technical Management Representative (TMR) – A representative of the Contracting Officer acting within the limits of such authority as delegated by the Contracting Officer. A TMR provides support to the contract COTR for purposes of monitoring, providing insight into specific contract annexes, and issuance of technical direction. The CO's Letter of Appointment limits the TMR's authority.

Total Cost – is the *bare cost plus contractor overhead and profit.

Trouble Desk – A work reception desk operated 24 hours a day, seven days a week by the COSS Contractor for receiving, screening, and coordinating emergency/service calls.

Work Control Center (WCC) – The central organizational point for receipt, tracking, and management of work generated from all sources.

Workday – For purposes of this contract, a workday is defined as one calendar day from Monday through Friday, inclusive, excluding *Holidays.

Yearly – Service is accomplished once during each 12-month period of the contract, at intervals of 11 to 13 months. Synonymous with *annually.

**TABLE 1-2
ACRONYMS AND ABBREVIATIONS**

A&E	Architectural & Engineering	BOD	Beneficial Occupancy Date
ABO	Aviation Breathing Oxygen	BOSS	Base Operations Support Services
ACM	Asbestos Containing Material	BPA	Blanket Purchase Agreement
ACR	Allowance Change Request	BSEE	Bachelor of Science in Electrical Engineering
ADP	Automated Data Processing	BTU	British Thermal Unit
AEI	Air Emissions Inventory	BUP	Building Unit Point
AES	Automated Estimated System	CAA	Clean Air Act
AGST	Above Ground Storage Tank	CAD	Computer-Aided Design
AIA	American Institute of Architects	CAMEO	Computer-Aided Management of Emergency Operations
AIDS	Acquired Immune Deficiency Syndrome	CAP	Contractor-Acquired Property
AIM	Automated Industrial Monitoring and Control	CD	Compact Disc
AIS	Automated Information Security	CDO	Contractor Duty Officer
AMD	Average Monthly Demand	CDPA	Control Document Production Area
AMS	Air Management System	CDR	Contract Discrepancy Report
ANSI	American National Standards Institute	CEMS	Continuous Emissions Monitoring System
AQL	Acceptable Quality Level	CEQ	Council for Environmental Quality
ASCAN	Astronaut Candidate	CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
ASME	American Society of Mechanical Engineers	CFC	Chlorofluorocarbon
ASQ	American Society for Quality	CFE	Contractor-Furnished Equipment
AST	Aboveground Storage Tank	CFM	Contractor-Furnished Material
ASTM	American Society of Testing and Materials	CFP	Contractor-Furnished Property
AWCS	Agency Wide Coding Structure	CFR	Code of Federal Regulations
AWP	Annual Work Plan	CGA	Cylinder Gas Audit
AWWA	American Water Works Association	CGM	Computer Graphics Metafile
BCS	Building Control System	CLCWA	Clear Lake City Water Authority
BLCC	Building Life-Cycle Cost	CLIN	Contract Line Item Number
BMAR	Backlog of Maintenance and Repair	CM&R	Corrective Maintenance and Repair
BMP	Best Management Practice		

**TABLE 1-2
ACRONYMS AND ABBREVIATIONS**

CMMS	Computerized Maintenance Management System	DESTRANS	NASA Supply Management System
CO	Contracting Officer		Destination Transaction
COB	Close of Business	DFAR	Department of Defense Federal
COD	Center Operations Directorate		Acquisition Regulation
CoF	Construction of Facilities	DLA	Defense Logistics Agency
COMSEC	Communication Security	DLSC	Defense Logistics Service Center
CONTAR	Container Trailer Vans	DO	Delivery Order
COP	Coefficient of Performance	DOD	Department of Defense
COSS	Center Operations Support Services	DOE	Department of Energy
COTR	Contracting Officer's Technical Representative	DOI	Division Operating Instructions
CPU	Central Processing Unit	DOL	Department of Labor
CRN	Change Request Notification	DoT	Department of Transportation
CRT	Cathode Ray Tube	DRD	Data Requirements Description
CRV	Current Replacement Value	DRMO	Defense Reutilization and Marketing Office
CSCS	Central Security Control System	DV	Designated Verification
CSI	Construction Standard Institute	EA	Environmental Assessment (NEPA related)
CSO	Computer Security Official	Ebi	Enterprise Building Integrator
CSSUPB	Construction Support Service Unit Price Book	EBS	Environmental Baseline Survey
CTS	Central Telephone System	ECLSS	Environmental Control and Life Support Systems
CWA	Clean Water Act	ECN	Equipment Control Number
D	Daily	EF	Ellington Field
D7	Daily, 7 days a week	EHL	Environmental Health Lab
DAMES	Defense Automatic Addressing System	EHS	Environmental, Health, and Safety
	Center Asynchronous Message Entry System	EIA	Electronic Industry Association
DAO	Designated Approving Official	EIN	Equipment Identification Number
DAR	Daily Activity Report	EIQ	Emissions Inventory Questionnaire
DC	Direct Current	EIS	Environmental Impact Statement (NEPA Related)
DDC	Direct Digital Control	EMCS	Energy Management and Control System
DEC	Digital Equipment Corporation	EMS	Environmental Management System

**TABLE 1-2
ACRONYMS AND ABBREVIATIONS**

EO	Executive Order	FEP	Fire Evacuation Plan
EOC	Emergency Operations Center	FHP	Facility Housing Plans
EOQ	Economic Order Quantity	FIFO	First In, First Out
EORB	EMCS Operations Review Board	FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
EPA	Environmental Protection Agency	FM	Facility Manager
EPASS	Electronic Pass and Security System	FMD	Financial Management Division
EPCRA	Emergency Planning & Community Right-to-know Act	FMEA	Failure Mode and Effects Analysis
EPFOL	El Paso Forward Operating Location	FMIS	Facilities Management Information System
EPS	Engineering Performance Standards	FMS	Facility Maintenance Support
ERD	Environmental Resource Document	FOB	Free on Board
ERT	Emergency Response Team (NASA JSC)	FPMR	Federal Property Management Regulations
ESA	Endangered Species Act	FRR	Flight Readiness Review
ESD	Electrostatic Discharge	FY	Fiscal Year
ESO	Environmental Services Office (NASA JSC)	G	Gravity
ESRB	EMCS System Review Board	G&A	General and Administrative
EST	Energy System Test	GAO	General Accounting Office
ESTA	Energy Systems Test Area	GBL	Government Bill of Lading
EVOC	Emergency Vehicle Operators Course	GCT	Gas Cylinder Tracking
EWS	Emergency Warning System	GFE	Government-Furnished Equipment
FA	Facility Activation	GFM	Government-Furnished Material
FAR	Federal Acquisition Regulation	GNS	Guidance and Navigation Simulator
FBR	Fixed Budget Rate	GPM	Gallons per minute
FCA	Facility Condition Assessment	GPO	Government Printing Office
FCB	Facility Control Board	GPS	Government Provided Software
FCC	Federal Communications Commission	GSA	General Services Administration
FCR	Flight Control Room	GSE	Ground Support Equipment
FCS	Federal Catalog System	H2S	Hydrogen Sulfide
FEDLOG	Federal Logistics Data on Compact Disc	HAP	Hazardous Air Pollutant

**TABLE 1-2
ACRONYMS AND ABBREVIATIONS**

HAZMAT	Hazardous Material	IT	Information Technology
HAZWOPER	Hazardous Waste Operations and Emergency Response	IWPTP	Industrial Waste Pre-Treatment Plant
HCFC	Hydrochlorofluorocarbon	JB7	Transportation Branch Mail Code
HEPA	High-Efficiency Particulate Arresting	JHB	Johnson Space Center Handbook
HFD	Houston Fire Department	JPD	Johnson Space Center Policy Directive
HMI	Hazardous Material Inventory	JPG	Johnson Space Center Procedures and Guidelines
HMIS	Hazardous Materials Information System	JSC	Johnson Space Center
HQ	Headquarters	JSCI	Johnson Space Center Instruction
HSWA	Hazardous and Solid Waste Amendments	JSCM	Johnson Space Center Manual
HTH	Calcium Hypochlorite	JSCMD	Johnson Space Center Management Directive
HVAC	Heating/Ventilation/Air Conditioning	JSCMI	Johnson Space Center Management Issuances
HWO	Hazardous Waste Operator	JSCS	Johnson Space Center Standard
IATA	International Air Transport Association	KSC	Kennedy Space Center
IAW	In Accordance With	kV	Kilo-Volt
ICAO	International Civil Aviation Organization	KVA	Kilo-Volt Amps
ID	Identification	KWH	Kilowatt Hours
IEEE	Institute of Electrical and Electronic Engineers	LAN	Local Area Network
IM	Inventory Manager/Management	LAU/LDU	National Stock Number Add User/Delete User
IPG	Inspection Preparation Guidelines (Air Emission Inventory related)	LCC	Life-Cycle Costs
IAGP	Installation – Accountable Government Property	LCO	Limit Change Order
IQ	Indefinite Quantity	LDD	Lost, Damaged, or Destroyed Property
IRM	Information Resources Management	LDR	Land Disposal Restrictions
ISC	Integration Support Contract	LEPC	Local Emergency Planning Committee
ISD	Information Systems Directorate	LMR	Land Mobile Radio
ISO	International Standards Organization	LOE	Level of effort
ISS	International Space Station	LOEP	List of Effective Pages
ISW	Industrial Solid Waste	LOGRUN	Logistics Remote Users Network
		LWDC	Lost Workday Case

**TABLE 1-2
ACRONYMS AND ABBREVIATIONS**

M	Monthly	NAC	National Agency Check
MAWP	Maximum Allowable Working Pressure	NAESA	National Association of Elevator Safety Authorities
MBTU	Million British Thermal Units	NAICS	National Industry Classification System
MCC	Mission Control Center	NASA	National Aeronautics and Space Administration
MCL	Maximum Contaminant Level	NAVFAC	Naval Facilities Engineering Command
MCRR	Modification, Construction, Rehabilitation and Repair	NBL	Neutral Buoyancy Laboratory
MER	Material and Equipment Rental	NCA	Noise Control Act
METASYS	Johnson Control SCADA Product	NEC	National Electrical Code
M-F	Monday Through Friday	NEIS	NASA Environmental Information Systems
MG/L	Milligram per Liter	NEPA	National Environmental Policy Act
MGPD	Million Gallons Per Day	NESHAP	National Emissions Standards for Hazardous Air Pollutants
MHE	Material Handling Equipment	NETS	NASA Environmental Tracking System
MIL/FED	Military/Federal	NFPA	National Fire Protection Association
MIL-STD	Military Standard	NHB	NASA Handbook
MIPR	Military Interagency Purchase Request	NICET	National Institute for Certificate of Engineering Technology
MIS	Material Information Sheet	NIOSH	National Institute of Occupational Safety and Health
MMT	Material Movement Ticket	NMI	NASA Management Instruction
MOU	Memorandum of Understanding	NOD	Notice of Deficiency (TNRCC/TDH/EPA)
MRO	Material Release Order	NOR	Notice of Registration
MRR	Mission Readiness Review	NOV	Notice of Violation (TNRCC/TDH/EPA)
MSDS	Material Safety Data Sheet	NOx	Nitrogen Oxide
MSE	Mobile Support Equipment	NPD	NASA Policy Directive
MUFFIN	Multi-Use File for Interagency News	NPDES	National Pollutant Discharge Elimination Permit
MUP	Master Utility Plan	NPDSMS	NASA Property Disposal Management System
MUR	Monthly Utility Report	NPG	NASA Procedures and Guidelines
MW	Monitoring Well	NRC	National Response Center
NABER	National Association of Business and Educational Radio		

**TABLE 1-2
ACRONYMS AND ABBREVIATIONS**

NRCA	National Roofing Contractors Association	PLC	Programmable Logic Controller
NRP	NASA Resource Protection	PM	Preventive Maintenance
NS	Safety and Test Operations Division	PMI	Preventive Maintenance Inspection
NSMS	NASA Supply Management System	PO	Purchase Order
NSN	National Stock Number	POTW	Publicly Owned Treatment Works
NSPS	New Source Performance Standards	PPA	Pollution Prevention Act
NTIA	National Telecommunication Information Administration	ppb	Parts Per Billion
O&M	Operations and Maintenance	PPE	Personal Protective Equipment
O/W	Oil/Water	ppm	Parts Per Million
O2	Oxygen	PPOA	Pollution Prevention Opportunity Assessments
OCC	Operations Control Center	PPP/P3	Pollution Prevention Plan
OCO	Operational Change Order	PQP	Personnel Qualification Program
ODS	Ozone Depleting Substances	PR	Post Required
OIG	Office of Inspector General	PRVS	Pressure Reducing Valve Station
OMB	Office of Management and Budget	PSA	Pre-designated Staging Area
OP	Operational Procedure	psi	Pounds per square inch
OQAD	Operation Quality Assurance Division	psig	Pounds per square inch gauge
OS&D	Overages, Shortages, and Damages	PSMO	Pressure System's Manager's Office
OSHA	Occupational Safety and Health Administration	PST	Petroleum Storage Tank
P&I	Piping and Instrumentation	PT&I	Predictive Testing & Inspection
P2	Pollution Prevention	PTR	Patrol Requirement
PAM	Proactive Maintenance	PWTRL	Public Works Technical Reference Library
PAO	Public Affairs Office	PWUPB	Public Works Unit Price Book
PC	Personal Computer	Q	Quarterly
PCB	Polychlorinated Biphenyl	QA	Quality Assurance
PGM	Programmed Maintenance	QA/QC	Quality Assurance/Quality Control
PHD	Plant Historian Data	QAE	Quality Assurance Evaluator
PI	Permit Information	QC	Quality Control

**TABLE 1-2
ACRONYMS AND ABBREVIATIONS**

R	Repair	SM	Scheduled Maintenance
R&U	Redistribution and Utilization	SMS	Security Management System
RACM	Regulated Asbestos Containing Material	SMSF	Shuttle Mission Simulator Facility
RATA	Relative Accuracy Test Audit	SO	Service Order
RCFA	Root-Cause Failure Analysis	SOP	Standard Operating Procedure
RCM	Reliability Centered Maintenance	SOS	Security Operations System
RCRA	Resource Conservation and Recovery Act	SOW	Statement of Work
RFI	RCRA Facility Investigation	SP	Special Purpose
RFP	Request for Proposal	SPCC	Spill Prevention, Control and Countermeasures
RIM	Readiness Integration Meeting	SPF	Software Production Facility
RMP	Risk Management Plan	SPME	Special Purpose Mobile Equipment
ROD	Report of Discrepancy	SPSF	Shuttle Procedures Simulation Facility
RPAS	Real Property Accounting System	SQL	Structured Query Language
RPDB	Real Property Data Base	SR&QA	Safety, Reliability, and Quality Assurance
RS	Regulated Substances	SRT	Service Request Tag
RTU	Remote Terminal Unit	SSP	Space Shuttle Program
RVI	Random Vehicle Inspections	STA	Site Critical Areas
RVP	Reid Vapor Pressure	STEERS	State of Texas Environmental Electronic Reporting System
S	Semi-Annually		
S&E	Sedimentation and Erosion	STIC	Scientific and Technical Information Center (Same as TRL)
SAIL	Shuttle Avionics Integration Laboratory	STP	Sewage Treatment Plant
SCADA	Supervisory Control and Data Acquisition	SWMU	Solid Waste Management Unit
SCTF	Sonny Carter Training Facility	SWPPP	Stormwater Pollution Prevention Plan
SDWA	Safe Drinking Water Act	SWT	SPECSINTACT Working Team
SEMO	Supply and Equipment Management Officer	TAC	Texas Administrative Code
SF	Standard Form	TAHPA	Texas Asbestos Health Protection Act
SFM	Simplified File Maintenance	TARVAN	Trailer Vans
SFUSS	Structure, Facilities, Utilities, Systems and Subsystems		

**TABLE 1-2
ACRONYMS AND ABBREVIATIONS**

TCLEOSE	Texas Commission on Law Enforcement Officer Standards and Education	UST	Underground Storage Tank
TDH	Texas Department of Health	UTM	Universal Transverse Mercator
TDY	Temporary Duty	VATF	Vibration and Acoustic Test Facility
TEGD	Technical Enforcement Guidance Document	VAX	Virtual Address Extension
TFBR	Technical Feedback Report	VIP	Very Important Person
TIFL	Transportation Inbound Freight Log	VMS	Virtual Memory System
TMR	Technical Management Representative	VOC	Volatile Organic Compound
TNRCC	Texas Natural Resources Conservation Commission	VSMF	Visual Search Micro Film
TPDES	Texas Pollutant Discharge Elimination System	VTE	Vertical Transportation Equipment
TRI	Toxic Release Inventory (EPA/TNRCC)	W	Week
TRL	Technical Reference Library	WCC	Work Control Center
TRRP	Texas Risk Reduction Program	WETF	Weightless Environment Training Facility
TSCA	Toxic Substance Control Act	WIS	Waste Information Sheet
TSD	Treatment Storage Disposal	WQIA	Water Quality Improvement Act
TSDR	Commercial Treatment, Storage, Disposal, or Recycling Facility	Y2K	Year 2000
TVP	True Vapor Pressure		
TX	Texas		
U.S.	United States		
U.S.C.	United States Code		
UCS	Utility Control System		
UP	Utility Procedure		
UPB	Unit Price Book		
UPS	Uninterruptible Power Supplies		
UPV	Unfired Pressure Vessels		
US GOVT	United States Government		
USPS	United States Postal Service		

**TABLE 1-3
ENVIRONMENTAL LAWS, REGULATIONS, AND EXECUTIVE ORDERS**

Environmental Laws, Regulations, and Executive Orders

The Contractor shall comply with the issue or version (including all changes and amendments) of all applicable Federal, State and Local Environmental Laws and implementing regulations and ordinances, in effect on the date of contract award except as otherwise noted, including, the applicable portions of the documents cited below. Includes applicable and pertinent regulatory guidance documents and cited references to industry standards. This list is meant to be comprehensive though not exhaustive or necessarily complete.

Mandatory Federal Laws and Regulations, as Applicable

ADA, Americans With Disabilities Act
 Archeological Resources Protection Act, 42 U.S.C. 1996
 Archeological and Historic Preservation Act, 42 U.S.C. 470aa-mm
 Bald Eagle Protection Act, 16 U.S.C. 668-668d
 Clean Water Act (CWA), 33 U.S.C. 21, et seq.
 Clean Air Act (CAA), 42 U.S.C. 7401, et seq.
 Coastal Zone Management Act of 1972, 16 U.S.C. 1451, et seq.
 Coastal Barrier Resources Act, 16 U.S.C. 3501, et seq.
 Comprehensive Environmental Response, Compensation, and Liability Act 42 U.S.C. 9601 (CERCLA), et seq.
 Department of Transportation (DoT) Regulations
 Emergency Planning and Community Right-to-know Act (EPCRA), 42 U.S.C. 11001, et seq.
 Endangered Species Act (ESA), 16 U.S.C. 1531, et seq.
 Energy Policy and Conservation Act, 42 U.S.C. 6374, et seq.
 Energy Policy Act of 1992, Public Law 102-486
 Farmland Protection Policy Act, 7 U.S.C. 4201, et. seq.
 Federal Energy Management Improvement Act of 1988, Public Law 100-615.
 Federal Facilities Compliance Act of 1992, 42 U.S.C. 6961 et seq.
 Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), 7 U.S.C. 136, et seq.
 Federal Land Policy and Management Act, (FLPMA)
 Federal Water Pollution Control Act, 1976

Fish and Wildlife Coordination Act, 16 U.S.C. 661-66c.
 Historic Sites, Buildings, and Antiquities Act of 1935, 16 U.S.C. 461, et seq.
 Migratory Bird Treaty Act, 16 U.S.C. 703 4321, et seq.
 National Emissions Standards for Asbestos, 40 CFR Part 61, Subpart M
 National Environmental Policy Act (NEPA), 42 U.S.C. 4321, et seq., and Council for Environmental Quality (CEQ) implementing NEPA
 National Historic Preservation Act, 16 U.S.C. 470 et seq.
 National Energy Conservation Policy Act, 42 U.S.C. 8251-8287
 National Monuments Act
 Native American Graves Protection and Repatriation Act, 42 U.S.C. 3001-3013.
 Noise Control Act (NCA) of 1972
 Occupational Health and Safety Act of 1970, 29 U.S.C.A. 651 et seq.
 Oil Pollution Prevention Act of 1990, 33 U.S.C. 2701 et seq.
 Pollution Prevention Act of 1990 (PPA), 42 U.S.C. 13101 et seq.
 Resource Conservation and Recovery Act (RCRA), 42 U.S.C. 6901 et seq., as amended by the Hazardous and Solid Waste Amendments (HSWA), 1984
 Rivers and Harbors Act, 33 U.S.C. 403 et seq.
 Safe Drinking Water (SDWA), 42 U.S.C. 300f et seq.
 Toxic Substances Control Act (TSCA), 15 U.S.C. 2601 et seq.
 Water Quality Improvement Act (WQIA) of 1974
 Wild and Scenic Rivers Act, 16 U.S.C. 1271 et seq.
 Wilderness Act, 16 U.S.C. 1131 et seq.

State Environmental Laws

Texas Natural Resources Code Annotated, Title 30
 Texas Health and Safety Code Annotated, Title 5

Executive Orders (EO)

**TABLE 1-3
ENVIRONMENTAL LAWS, REGULATIONS, AND EXECUTIVE ORDERS**

EO 11514 (Amended by EO 11991) Protection and Enhancement of Environmental Quality

EO 11593 Protection and Enhancement of the Cultural Environment

EO 11870 Environmental Safeguards on Activities for Animal Damage Control on Federal Lands

EO 11988 Floodplain Management

EO 11990 Protection of Wetlands

EO 12088 (Amended by EO 12580) Federal Compliance with Pollution Control

EO 12148 Federal Emergency Management

EO 12759 (Sections 3, 9, and 10) Federal Energy Management

EO 12843 Procurement Requirements and Policies for Federal Agencies for Ozone-Depleting Substances

EO 12844 Federal Use of Alternative Fueled Vehicles

EO 12845 Requiring Federal Agencies to Purchase Energy Efficient Computers

EO 12856 Federal Compliance with Right-to-Know Laws and Pollution Prevention Requirements

EO 12873 Federal Acquisition, Recycling and Waste Prevention

EO 12898 Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations

EO 12902 Energy Efficiency and Water Conservation at Federal Facilities

EO 12969 Federal Acquisition and Community Right-to-Know

EO 13016 Amendment to Executive Order 12580

EO 13101 Greening the Government Through Waste Prevention, Recycling, and Federal Acquisition

EO 13123 Greening the Government Through Efficient Energy Management

EO 13134 Developing and Promoting Biobased Products and Bioenergy

EO 13148 Greening the Government Through Leadership in Environmental Management

EO 13149 Greening the Government Through Federal Fleet and Transportation Efficiency

State Environmental Laws

Texas Natural Resources Code Annotated, Title 30

Texas Health and Safety Code Annotated, Title 5

OMB Circulars

OMB Circular A-11: Preparation and Submission of Budget Estimates

OMB Circular A-106: Reporting Requirements in Connection with the Prevention, Control, and Abatement of Environmental Pollution at existing Federal Facilities

NASA Environmental Policy Directives/Letters

NASA Policy for Procurement of Office Paper, December 1994

JSC Management Directives

1710.9B Control of Hazardous Materials

8800rev1 Asbestos Control Manual

8800.3K Preventing and Reporting Pollution

8800.4C Hazardous Waste Minimization Program

8847.1L Disposal of Chemical, Toxic, and Hazardous Waste Materials

4100.01A Sedimentation and Erosion Control

NASA Facilities Management Directives

8820.2 Facilities Project Implementation Handbook

**Table 1-4
VPP ELEMENTS AND SUB ELEMENTS**

1. Management Leadership and Employee Involvement	2. Worksite Analysis	3. Hazard Prevention and Control	4. Safety and Health Training
1.1. Management Commitment	2.1. Management Understanding	3.1. Certified Professional Resources	4.1. Program Description
1.2. VPP Commitment	2.2. Industrial Hygiene	3.2. Hazard Elimination or Control	4.2. Supervisors
1.3. Planning	2.3. Pre-use Analysis	3.3. Process Safety Management	4.3. Employees
1.4. Written Safety and Health Program	2.4. Hazard Analysis	3.4. Occupational Healthcare Program	4.4. Emergencies
1.5. Top Management Leadership	2.5. Routine Inspections	3.5. Prevention Maintenance	4.5. PPE
1.6. Authority and Resources	2.6. Employee Hazard Reporting System	3.6. Hazard Correction Tracking	4.6. Managers
1.7. Line Accountability	2.7. Accident/Incident Investigations	3.7. Disciplinary System	
1.8. Contract Workers	2.8. Trend Analysis	3.8. Emergency Procedures	
1.9. Employee Involvement			
1.10. Safety & Health Program Evaluation			

Table 1-4 VPP Elements and Sub Elements

Table 2 - 3
Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
ELL	135	E135XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	135	E135XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	135	E135XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	135	E135XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	135	E135XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	135	E135XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	135	E135XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	135	E135XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
ELL	135	E135XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	135	E135XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
ELL	135	E135XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	135	E135XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
ELL	135	E135XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	135	E135XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
ELL	135	E135XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
ELL	135	E135XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
ELL	135	E135XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
ELL	135	E135XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	135	E135XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
ELL	135	E135XXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
ELL	135	E135XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
ELL	135	E135XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
ELL	136	E136XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	136	E136XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	136	E136XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	136	E136XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	136	E136XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	136	E136XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	136	E136XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous

Table 2 - 3
Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
ELL	136	E136XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
ELL	136	E136XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	136	E136XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	136	E136XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	136	E136XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	136	E136XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
ELL	136	E136XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
ELL	136	E136XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	136	E136XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
ELL	136	E136XXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
ELL	137	E137XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	137	E137XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	137	E137XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	137	E137XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	137	E137XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	137	E137XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	137	E137XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	137	E137XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
ELL	137	E137XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	137	E137XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	137	E137XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	137	E137XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	137	E137XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
ELL	137	E137XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
ELL	137	E137XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	137	E137XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
ELL	137	E137XXWTC	WASTE TANK COLLECTION SYSTEM	WTC	X	Sec. J, Att N, Exh. N-1, 1.5.01	1	Continuous
ELL	137B	E137BXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	137B	E137BXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous

**Table 2 - 3
Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
ELL	137B	E137BXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	138	E138XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	138	E138XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	138	E138XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	139	E139XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	139	E139XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	139	E139XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	139	E139XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	139	E139XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	140	E140XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	140	E140XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	140	E140XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	140	E140XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	140	E140XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
ELL	140	E140XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	140	E140XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	140	E140XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	140	E140XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	140	E140XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
ELL	140B	E140BXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	142	E142XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	142	E142XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	142	E142XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	142	E142XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	142	E142XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	142	E142XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	142	E142XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
ELL	142	E142XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	142	E142XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous

**Table 2 - 3
Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
ELL	142	E142XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
ELL	150	E150XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	150	E150XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	150	E150XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	150	E150XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	150	E150XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	150	E150XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	150	E150XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	150	E150XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
ELL	150	E150XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	150	E150XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	150	E150XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	150	E150XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	150	E150XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
ELL	150	E150XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	150	E150XXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
ELL	151	E151XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	151	E151XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	151	E151XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	151	E151XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	245	E245XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	245	E245XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	245	E245XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	245	E245XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	245	E245XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	245	E245XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	247	E247XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	247	E247XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	248	E248XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
ELL	248	E248XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	248	E248XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	248	E248XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	248	E248XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	248	E248XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	248	E248XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
ELL	248	E248XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	248	E248XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	248	E248XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
ELL	248	E248XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	248	E248XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
ELL	248	E248XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	260	E260XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	260	E260XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	260	E260XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	260	E260XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	260	E260XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	260	E260XXCTS	CENTRAL TELECOMMUNICATIONS SYSTEMS (CTS)	CTS	E	Sec. J, Att N, Exh. N-1, 1.2.15	1	Continuous
ELL	260	E260XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	260	E260XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	260	E260XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	260	E260XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	261	E261XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	261	E261XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	261	E261XXGRN	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	261	E261XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	263	E263XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	264	E264XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	264	E264XXGRN	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
ELL	264	E264XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	265	E265XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	265	E265XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	265	E265XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	265	E265XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	265	E265XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	265	E265XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	265	E265XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	265	E265XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	265	E265XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
ELL	265	E265XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
ELL	265	E265XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
ELL	265	E265XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	265	E265XXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
ELL	266	E266XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	266	E266XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	266	E266XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	266	E266XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	266	E266XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	266	E266XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	266	E266XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	266	E266XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	266	E266XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
ELL	266	E266XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	266	E266XXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
ELL	267	E267XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	267	E267XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	267	E267XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	267	E267XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours

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Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
ELL	267	E267XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	267	E267XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	267	E267XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	267	E267XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
ELL	267	E267XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	267	E267XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	267	E267XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	267	E267XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	267	E267XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
ELL	267	E267XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
ELL	267	E267XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	269	E269XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	269	E269XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	269	E269XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	269	E269XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	269	E269XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	269	E269XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	269	E269XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	269	E269XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
ELL	269	E269XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	269	E269XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	269	E269XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	269	E269XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
ELL	269	E269XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	269	E269XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
ELL	269	E269XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	270	E270XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	270	E270XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	270	E270XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous

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Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
ELL	270	E270XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	270	E270XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	270	E270XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	270	E270XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	270	E270XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
ELL	270	E270XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	270	E270XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	270	E270XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	270	E270XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	270	E270XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
ELL	270	E270XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	270	E270XXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
ELL	271	E271XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	271	E271XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	271	E271XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	271	E271XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	271	E271XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	271	E271XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	271	E271XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
ELL	271	E271XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	271	E271XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	271	E271XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	271	E271XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	271	E271XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
ELL	271	E271XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	272	E272XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	272	E272XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	272	E272XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	272	E272XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous

**Table 2 - 3
Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
ELL	272	E272XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	272	E272XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
ELL	272	E272XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	272	E272XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	272	E272XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	272	E272XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	272	E272XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
ELL	272	E272XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	273	E273XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	273	E273XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	273	E273XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	273	E273XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	273	E273XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	273	E273XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	273	E273XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	273	E273XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
ELL	273	E273XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	273	E273XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	273	E273XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	273	E273XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
ELL	273	E273XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	273	E273XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
ELL	273	E273XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
ELL	273	E273XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	276	E276XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	276	E276XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	276	E276XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	276	E276XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	276	E276XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
ELL	276	E276XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	276	E276XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	276	E276XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
ELL	276	E276XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	276	E276XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	276	E276XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	276	E276XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
ELL	276	E276XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	276	E276XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
ELL	276	E276XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
ELL	276	E276XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	276	E276XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
ELL	276	E276XXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
ELL	276	E276XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
ELL	276	E276XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
ELL	278	E278XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	278	E278XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	278	E278XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	278	E278XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	278	E278XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	278	E278XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	278	E278XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	278	E278XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
ELL	278	E278XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	278	E278XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	278	E278XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	278	E278XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	278	E278XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
ELL	278	E278XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
ELL	278	E278XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	278	E278XXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
ELL	278	E278XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
ELL	380	E380XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	380	E380XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	380	E380XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	380	E380XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	380	E380XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	380	E380XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	380	E380XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
ELL	380	E380XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	380	E380XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	380	E380XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	380	E380XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	380	E380XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
ELL	380	E380XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
ELL	380	E380XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	380	E380XXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
ELL	990	E990XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	990	E990XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	990	E990XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	990	E990XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	990	E990XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	990	E990XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	990	E990XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	990	E990XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
ELL	990	E990XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	990	E990XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	990	E990XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
ELL	990	E990XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
ELL	990	E990XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	990	E990XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
ELL	990	E990XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
ELL	990	E990XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	990	E990XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
ELL	990	E990XXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
ELL	991	E991XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	992	E992XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	993	E993XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	993	E993XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	993	E993XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	993	E993XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	993	E993XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	993	E993XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	993	E993XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	993	E993XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
ELL	993	E993XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	993	E993XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	993	E993XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	993	E993XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	994	E994XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	994	E994XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
ELL	994	E994XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	994	E994XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
ELL	994	E994XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
ELL	994	E994XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
ELL	994	E994XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
ELL	994	E994XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
ELL	994	E994XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
ELL	994	E994XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
ELL	994	E994XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
ELL	994	E994XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
ELL	994	E994XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
ELL	994	E994XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
ELL	998	E998XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
ELL	998	E998XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.01	1	Core Hours
ELL	998	E998XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	2	Continuous
ELL	998	E998XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	2	Continuous
ELL	998	E998XXFGT	FENCES AND GATES	FGT	C	Sec. J, Att N, Exh. N-1, 1.4.11	2	Continuous
ELL	998	E998XXRPD	PUBLIC DISPLAYS	RPD	C	Sec. J, Att N, Exh. N-1, 1.4.12	2	Continuous
ELL	998	E998XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	2	Continuous
ELL	998	E998XXMVD	SITE ELECTRICAL 15KV DISTRIBUTION	MVD	E	Sec. J, Att N, Exh. N-1, 1.2.02	3	Continuous
ELL	998	E998XXOWL	SITE OBSTRUCTION & WARNING LIGHTING SYSTEM	OWL	E	Sec. J, Att N, Exh. N-1, 1.2.12	2	Continuous
ELL	998	E998XXBER	CONTAINMENT BERMS	BER	X	Sec. J, Att N, Exh. N-1, 1.5.04	2	Continuous
JSC	000	J000XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	000	J000XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	000	J000XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	000	J000XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	000	J000XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	000	J000XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	000	J000XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	000	J000XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	000	J000XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	000	J000XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	2	Continuous
JSC	000	J000XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	000	J000XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	000	J000XXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	000	J000XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	001	J001XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	001	J001XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	001	J001XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	001	J001XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	001	J001XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	001	J001XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	001	J001XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	001	J001XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	001	J001XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	001	J001XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	001	J001XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	001	J001XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	001	J001XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	001	J001XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	001	J001XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	001	J001XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	001	J001XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	2	Continuous
JSC	001	J001XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	001	J001XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	001	J001XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	001	J001XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	001	J001XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	002	J002XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	002	J002XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	002	J002XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	002	J002XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	002	J002XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	002	J002XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	002	J002XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	002	J002XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	002	J002XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	002	J002XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	002	J002XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	002	J002XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	002	J002XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	002	J002XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	002	J002XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	002	J002XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	002	J002XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	002	J002XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	002	J002XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	002	J002XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	003	J003XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	003	J003XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	003	J003XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	003	J003XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	003	J003XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	003	J003XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	003	J003XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	003	J003XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	003	J003XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	003	J003XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	003	J003XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	003	J003XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	003	J003XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	003	J003XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	003	J003XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	003	J003XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	003	J003XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	003	J003XXREF	REFRIGERATION SYSTEM	REF	M	Sec. J, Att N, Exh. N-1, 1.1.07	1	Continuous
JSC	003	J003XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	003	J003XXSTE	CAFETERIA	STE	M	Sec. J, Att N, Exh. N-1, 1.1.12	1	Core Hours
JSC	003	J003XXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
JSC	004N	J004NXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	004N	J004NXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	004N	J004NXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	004N	J004NXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	004N	J004NXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	004N	J004NXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	004N	J004NXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	004N	J004NXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	004N	J004NXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	004N	J004NXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	004N	J004NXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	004N	J004NXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	004N	J004NXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	004N	J004NXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	004N	J004NXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	004N	J004NXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	004N	J004NXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	004N	J004NXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	004N	J004SXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	004S	J004SXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	004S	J004SXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	004S	J004SXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	004S	J004SXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	004S	J004SXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	004S	J004SXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	004S	J004SXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	004S	J004SXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	004S	J004SXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	004S	J004SXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	004S	J004SXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	004S	J004SXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	004S	J004SXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	004S	J004SXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	004S	J004SXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	004S	J004SXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	004S	J004SXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	004S	J004SXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	004S	J004SXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	004S	J004SXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	004S	J004NXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	005N	J005NXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	005N	J005NXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	005N	J005NXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	005N	J005NXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	005N	J005NXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	005N	J005NXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	005N	J005NXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	005N	J005NXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	005N	J005NXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	005N	J005NXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	005N	J005NXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	005N	J005NXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	005N	J005NXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	005N	J005NXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	005N	J005NXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	005N	J005NXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	005N	J005NXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	005N	J005NXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	005N	J005NXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	005N	J005NXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	005N	J005NXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
JSC	005N	J005NXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	005N	J005NXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	005S	J005SXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	005S	J005SXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	005S	J005SXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	005S	J005SXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	005S	J005SXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	005S	J005SXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	005S	J005SXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	005S	J005SXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	005S	J005SXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	005S	J005SXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	005S	J005SXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	005S	J005SXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	005S	J005NXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	005S	J005SXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	005S	J005SXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	005S	J005SXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	005S	J005SXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	005S	J005SXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	005S	J005SXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	005S	J005SXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	007	J007XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	007	J007XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	007	J007XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	007	J007XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	007	J007XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	007	J007XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	007	J007XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	007	J007XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	007	J007XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	007	J007XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	007	J007XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	007	J007XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	007	J007XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	007	J007XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	007	J007XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	007	J007XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	007	J007XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	007	J007XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	007	J007XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	007	J007XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	007	J007XXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous
JSC	007	J007XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	007	J007XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	007A	J007AXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	007A	J007AXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	007A	J007AXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	007A	J007AXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous

**Table 2 - 3
Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	007A	J007AXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	007A	J007AXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	007A	J007AXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	007A	J007AXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	007A	J007AXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	007A	J007AXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	007A	J007AXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	007A	J007AXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	007A	J007AXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	007A	J007AXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	007A	J007AXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	007A	J007AXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	007A	J007AXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	007A	J007AXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	007A	J007AXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	007B	J007BXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	007B	J007BXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	007B	J007BXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	007B	J007BXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	007B	J007BXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	007B	J007BXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	007B	J007BXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	007B	J007BXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	007B	J007BXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	007B	J007BXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	007B	J007BXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	007B	J007BXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	007B	J007BXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	007B	J007BXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	007B	J007BXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	007B	J007BXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	007B	J007BXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	007B	J007BXCEN	LIFTING DEVICES	CEN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	008	J008XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	008	J008XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	008	J008XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	008	J008XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	008	J008XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	008	J008XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	008	J008XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	008	J008XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	008	J008XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	008	J008XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	008	J008XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	008	J008XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	008	J008XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	008	J008XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	008	J008XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	008	J008XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	008	J008XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	008	J008XXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous
JSC	008	J008XXREF	REFRIGERATION SYSTEM	REF	M	Sec. J, Att N, Exh. N-1, 1.1.07	1	Continuous
JSC	008	J008XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	008	J008XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	008	J008XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	008A	J008AXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	008A	J008AXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	008A	J008AXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	008A	J008AXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	008A	J008AXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	008A	J008AXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	008A	J008AXVAL	VAULT STRUCTURAL	VAL	X	Sec. J, Att N, Exh. N-1, 1.5.02	1	Continuous
JSC	008A	J008AXWTC	WASTE TANK COLLECTION SYSTEM	WTC	X	Sec. J, Att N, Exh. N-1, 1.5.01	1	Continuous
JSC	009N	J009NXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	009N	J009NXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	009N	J009NXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	009N	J009NXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	009N	J009NXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	009N	J009NXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	009N	J009NXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	009N	J009NXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	009N	J009NXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	009N	J009NXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	009N	J009NXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	009N	J009NXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	009N	J009NXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	009N	J009NXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	009N	J009NXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	009N	J009NXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	009N	J009NXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	009N	J009NXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	009N	J009NXWTC	WASTE TANK COLLECTION SYSTEM	WTC	X	Sec. J, Att N, Exh. N-1, 1.5.01	1	Continuous
JSC	009NE	J009NEDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	009NE	J009NEFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	009NE	J009NEPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	009NE	J009NERUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	009NE	J009NESET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	009NE	J009NESIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	009NE	J009NESNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	009NE	J009NESWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	009NE	J009NEELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	009NE	J009NEEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	009NE	J009NEGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	009NE	J009NELPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	009NE	J009NELTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	009NE	J009NESDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	009NE	J009NECAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	009NE	J009NECHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	009NE	J009NEEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	009NE	J009NEHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	009NE	J009NEHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	009NE	J009NESCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	009NE	J009NECRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	009NE	J009NEELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	009NW	J009NWDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	009NW	J009NWFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	009NW	J009NWPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	009NW	J009NWRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	009NW	J009NWSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	009NW	J009NWSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	009NW	J009NWSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	009NW	J009NWSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	009NW	J009NWELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	009NW	J009NWEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	009NW	J009NWGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	009NW	J009NWLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	009NW	J009NWSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	009NW	J009NWCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	009NW	J009NWCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	009NW	J009NWEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	009NW	J009NWHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	009NW	J009NWSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	009NW	J009NWCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	009NW	J009NWELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	009S	J009SXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	009S	J009SXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	009S	J009SXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	009S	J009SXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	009S	J009SXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	009S	J009SXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	009S	J009SXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	009S	J009SXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	009S	J009SXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	009S	J009SXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	009S	J009SXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	009S	J009SXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	009S	J009SXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	009S	J009SXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	009S	J009SXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	009S	J009SXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	009S	J009SXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	009S	J009SXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	009S	J009SXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous
JSC	009S	J009SXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	009S	J009SXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous

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Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	009S	J009SXPLW	PLATING WASTE PRE-TREATMENT SYSTEM	PLW	X	Sec. J, Att N, Exh. N-1, 1.5.07	1	Continuous
JSC	009S	J009SXWTC	WASTE TANK COLLECTION SYSTEM	WTC	X	Sec. J, Att N, Exh. N-1, 1.5.01	1	Continuous
JSC	009S	J009SXVAL	VAULT STRUCTURAL	VAL	X	Sec. J, Att N, Exh. N-1, 1.5.02	1	Continuous
JSC	009SE	J009SEDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	009SE	J009SEFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	009SE	J009SEPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	009SE	J009SESET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	009SE	J009SESIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	009SE	J009SESNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	009SE	J009SESWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	009SE	J009SEELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	009SE	J009SEEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	009SE	J009SEGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	009SE	J009SELPs	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	009SE	J009SELTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	009SE	J009SEsDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	009SE	J009SECAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	009SE	J009SECHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	009SE	J009SEEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	009SE	J009SEHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	009SE	J009SEHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	009SE	J009SESCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	010	J010XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	010	J010XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	010	J010XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	010	J010XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	010	J010XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	010	J010XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	010	J010XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	010	J010XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	010	J010XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	010	J010XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	010	J010XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	010	J010XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	010	J010XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	010	J010XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	010	J010XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	010	J010XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	010	J010XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	010	J010XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	010	J010XXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous
JSC	010	J010XXREF	REFRIGERATION SYSTEM	REF	M	Sec. J, Att N, Exh. N-1, 1.1.07	1	Continuous
JSC	010	J010XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	010	J010XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	010	J010XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	011	J011XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	011	J011XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	011	J011XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	011	J011XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	011	J011XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	011	J011XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	011	J011XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	011	J011XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	011	J011XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	011	J011XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	011	J011XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	011	J011XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	011	J011XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	011	J011XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	011	J011XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	011	J011XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	011	J011XXREF	REFRIGERATION SYSTEM	REF	M	Sec. J, Att N, Exh. N-1, 1.1.07	1	Continuous
JSC	011	J011XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	011	J011XXSTE	CAFETERIA	STE	M	Sec. J, Att N, Exh. N-1, 1.1.12	1	Core Hours
JSC	012	J012XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	012	J012XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	012	J012XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	012	J012XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	012	J012XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	012	J012XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	012	J012XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	012	J012XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	012	J012XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	012	J012XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	012	J012XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	012	J012XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	012	J012XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	012	J012XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	012	J012XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	012	J012XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	012	J012XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	012	J012XXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous
JSC	012	J012XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	012	J012XXHST	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	012	J012XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	013	J013XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	013	J013XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous

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Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	013	J013XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	013	J013XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	013	J013XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	013	J013XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	013	J013XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	013	J013XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	013	J013XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	013	J013XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	013	J013XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	013	J013XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	013	J013XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	013	J013XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	013	J013XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	013	J013XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	013	J013XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	013	J013XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	013	J013XXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous
JSC	013	J013XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	013	J013XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	013	J013XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	014	J014XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	014	J014XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	014	J014XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	014	J014XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	014	J014XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	014	J014XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	014	J014XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	014	J014XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	014	J014XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	014	J014XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	014	J014XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	014	J014XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	014	J014XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	014	J014XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	014	J014XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	014	J014XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	014	J014XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	014	J014XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	014	J014XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	014	J014XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	014	J014XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	015	J015XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	015	J015XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	015	J015XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	015	J015XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	015	J015XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	015	J015XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	015	J015XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	015	J015XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	015	J015XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	015	J015XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	015	J015XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	015	J015XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	015	J015XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	015	J015XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	015	J015XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	015	J015XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	015	J015XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	015	J015XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	015	J015XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	015	J015XXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous
JSC	015	J015XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	015	J015XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	015	J015XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	016	J016XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	016	J016XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	016	J016XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	016	J016XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	016	J016XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	016	J016XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	016	J016XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	016	J016XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	016	J016XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	016	J016XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	016	J016XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	016	J016XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	016	J016XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	016	J016XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	016	J016XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	016	J016XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	016	J016XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	016	J016XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	016	J016XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	016	J016XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	016	J016XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	016A	J016AXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	016A	J016AXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	016A	J016AXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	016A	J016AXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	016A	J016AXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	016A	J016AXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	016A	J016AXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	016A	J016AXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	016A	J016AXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	016A	J016AXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	016A	J016AXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	016A	J016AXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	016A	J016AXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	016A	J016AXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	016A	J016AXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	016A	J016AXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	016A	J016AXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	016A	J016AXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	016A	J016AXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	016A	J016AXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	016A	J016AXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	017	J017XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	017	J017XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	017	J017XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	017	J017XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	017	J017XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	017	J017XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	017	J017XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	017	J017XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	017	J017XXCTS	CENTRAL TELECOMMUNICATIONS SYSTEMS (CTS)	CTS	E	Sec. J, Att N, Exh. N-1, 1.2.15	1	Continuous
JSC	017	J017XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	017	J017XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	017	J017XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	017	J017XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	017	J017XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	017	J017XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	017	J017XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	017	J017XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	017	J017XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	017	J017XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	017	J017XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	017	J017XXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous
JSC	017	J017XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	017	J017XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	017	J017XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	017	J017XXWTC	WASTE TANK COLLECTION SYSTEM	WTC	X	Sec. J, Att N, Exh. N-1, 1.5.01	1	Continuous
JSC	018	J018XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	018	J018XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	018	J018XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	018	J018XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	018	J018XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	018	J018XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	018	J018XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	018	J018XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	018	J018XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	018	J018XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	018	J018XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	018	J018XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	018	J018XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	018	J018XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	023	J023XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	023	J023XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	023	J023XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	023	J023XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	023	J023XXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
JSC	024	J024XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	024	J024XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	024	J024XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	024	J024XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	024	J024XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	024	J024XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	024	J024XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	024	J024XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	024	J024XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	024	J024XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	024	J024XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	024	J024XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	024	J024XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	024	J024XXRTM	RADIO TAPE MONITORING SYSTEM	RTM	E	Sec. J, Att N, Exh. N-1, 1.2.19	1	Continuous
JSC	024	J024XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	024	J024XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	4	Continuous
JSC	024	J024XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	4	Continuous
JSC	024	J024XXCLT	COOLING TOWERS	CLT	M	Sec. J, Att N, Exh. N-1, 1.1.03	4	Continuous
JSC	024	J024XXDFS	DIESEL FUEL SYSTEM	DFS	M	Sec. J, Att N, Exh. N-1, 1.1.09	1	Continuous
JSC	024	J024XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	024	J024XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	2	HVACSR
JSC	024	J024XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	024	J024XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	3	Continuous
JSC	024	J024XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous

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Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	025	J025XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	025	J025XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	025	J025XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	025	J025XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	025	J025XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	025	J025XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	025	J025XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	025	J025XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	025	J025XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	025	J025XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	025	J025XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	025	J025XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	025	J025XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	025	J025XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	025	J025XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	025	J025XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	025	J025XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	025	J025XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	025	J025XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	025	J025XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	025	J025XXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
JSC	028	J028XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	028	J028XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	028	J028XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	028	J028XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	028	J028XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	028	J028XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	028	J028XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	028	J028XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous

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Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	028	J028XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	028	J028XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	028	J028XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	028	J028XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	028	J028XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	028	J028XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	3	Continuous
JSC	028	J028XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	3	Continuous
JSC	028	J028XXCLT	COOLING TOWERS	CLT	M	Sec. J, Att N, Exh. N-1, 1.1.03	3	Continuous
JSC	028	J028XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	2	HVACSR
JSC	028	J028XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	029	J029XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	029	J029XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	029	J029XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	029	J029XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	029	J029XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	029	J029XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	029	J029XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	029	J029XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	029	J029XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	029	J029XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	029	J029XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	029	J029XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	029	J029XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	029	J029XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	029	J029XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	029	J029XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	029	J029XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	029	J029XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	029	J029XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	029	J029XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	029	J029XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	030A	J030AXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	030A	J030AXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	030A	J030AXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	030A	J030AXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	030A	J030AXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	030A	J030AXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	030A	J030AXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	030A	J030AXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	030A	J030AXCTS	CENTRAL TELECOMMUNICATIONS SYSTEMS (CTS)	CTS	E	Sec. J, Att N, Exh. N-1, 1.2.15	1	Continuous
JSC	030A	J030AXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	030A	J030AXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	030A	J030AXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	030A	J030AXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	030A	J030AXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	030A	J030AXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	030A	J030AXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	030A	J030AXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	030A	J030AXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	030A	J030AXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	030A	J030AXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	030A	J030AXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	030A	J030AXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	030A	J030AXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	030L	J030LXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	030L	J030LXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	030L	J030LXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	030L	J030LXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	030L	J030LXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	030L	J030LXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	030L	J030LXCTS	CENTRAL TELECOMMUNICATIONS SYSTEMS (CTS)	CTS	E	Sec. J, Att N, Exh. N-1, 1.2.15	1	Continuous
JSC	030L	J030LXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	030L	J030LXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	030L	J030LXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	030L	J030LXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	030L	J030LXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	030L	J030LXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	030L	J030LXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	030L	J030LXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	030L	J030LXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	030L	J030LXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	030L	J030LXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	030L	J030LXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	030L	J030LXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	030L	J030LXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	030M	J030MXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	030M	J030MXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	030M	J030MXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	030M	J030MXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	030M	J030MXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	030M	J030MXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	030M	J030MXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	2	Continuous
JSC	030M	J030MXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	030M	J030MXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	030M	J030MXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	030M	J030MXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	030M	J030MXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	2	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	030M	J030MXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	030M	J030MXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	2	Continuous
JSC	030M	J030MXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	030M	J030MXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	030M	J030MXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	2	Continuous
JSC	030M	J030MXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	2	Continuous
JSC	030M	J030MXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	2	HVACSR
JSC	030M	J030MXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	030M	J030MXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	2	Continuous
JSC	030M	J030MXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	030M	J030MXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	030S	J030SXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	030S	J030SXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	030S	J030SXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	030S	J030SXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	030S	J030SXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	030S	J030SXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	030S	J030SXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	030S	J030SXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	030S	J030SXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	2	Continuous
JSC	030S	J030SXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	2	Continuous
JSC	030S	J030SXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	030S	J030SXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	030S	J030SXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	030S	J030SXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	030S	J030SXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	2	Continuous
JSC	030S	J030SXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	030S	J030SXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	3	Continuous
JSC	030S	J030SXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	2	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	030S	J030SXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	2	HVACSR
JSC	030S	J030SXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	2	Continuous
JSC	030S	J030SXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
JSC	030S	J030SXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	030S	J030SXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	031	J031XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	031	J031XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	031	J031XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	031	J031XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	031	J031XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	031	J031XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	031	J031XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	031	J031XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	031	J031XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	031	J031XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	031	J031XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	031	J031XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	031	J031XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	031	J031XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	031	J031XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	031	J031XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	031	J031XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	031	J031XXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous
JSC	031	J031XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	031	J031XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	031	J031XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	031A	J031AXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	031A	J031AXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	031A	J031AXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous

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Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	031A	J031AXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	031A	J031AXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	031A	J031AXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	031A	J031AXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	031A	J031AXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	031A	J031AXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	031A	J031AXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	031A	J031AXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	031A	J031AXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	031A	J031AXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	031A	J031AXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	031A	J031AXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	031A	J031AXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	031A	J031AXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous
JSC	031A	J031AXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	031A	J031AXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	032	J032XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	032	J032XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	032	J032XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	032	J032XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	032	J032XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	032	J032XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	032	J032XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	032	J032XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	032	J032XXCTS	CENTRAL TELECOMMUNICATIONS SYSTEMS (CTS)	CTS	E	Sec. J, Att N, Exh. N-1, 1.2.15	1	Continuous
JSC	032	J032XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	032	J032XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	032	J032XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	032	J032XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous

**Table 2 - 3
Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	032	J032XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	032	J032XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	032	J032XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	032	J032XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	032	J032XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	032	J032XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	032	J032XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	032	J032XXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous
JSC	032	J032XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	032	J032XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	032	J032XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	032A	J032AXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	032A	J032AXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	032A	J032AXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	032A	J032AXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	032A	J032AXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	032A	J032AXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	032A	J032AXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	032A	J032AXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	032A	J032AXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	032A	J032AXCTS	CENTRAL TELECOMMUNICATIONS SYSTEMS (CTS)	CTS	E	Sec. J, Att N, Exh. N-1, 1.2.15	1	Continuous
JSC	032A	J032AXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	032A	J032AXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	032A	J032AXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	032A	J032AXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	032A	J032AXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	032A	J032AXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	032A	J032AXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	032A	J032AXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR

**Table 2 - 3
Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	032A	J032AXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	032A	J032AXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	032A	J032AXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	032Q	J032QXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	032Q	J032QXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	032Q	J032QXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	032Q	J032QXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	032Q	J032QXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	032Q	J032QXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	032Q	J032QXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	032Q	J032QXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	032Q	J032QXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	032Q	J032QXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	033	J033XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	033	J033XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	033	J033XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	033	J033XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	033	J033XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	033	J033XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	033	J033XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	033	J033XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	033	J033XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	033	J033XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	033	J033XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	033	J033XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	033	J033XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	033	J033XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	033	J033XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	033	J033XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR

**Table 2 - 3
Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	033	J033XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	033	J033XXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous
JSC	033	J033XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	033	J033XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	034	J034XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	034	J034XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	034	J034XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	034	J034XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	034	J034XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	034	J034XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	034	J034XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	034	J034XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	034	J034XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	034	J034XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	034	J034XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	034	J034XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	034	J034XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	034	J034XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	034	J034XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	034	J034XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	034	J034XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	034	J034XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	035	J035XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	035	J035XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	035	J035XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	035	J035XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	035	J035XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	035	J035XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	035	J035XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous

**Table 2 - 3
Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	035	J035XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	035	J035XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	035	J035XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	035	J035XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	035	J035XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	035	J035XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	035	J035XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	035	J035XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	035	J035XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	035	J035XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	035	J035XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	035	J035XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	036	J036XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	036	J036XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	036	J036XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	036	J036XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	036	J036XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	036	J036XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	036	J036XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	036	J036XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	036	J036XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	036	J036XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	036	J036XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	036	J036XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	036	J036XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	036	J036XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	036	J036XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	036	J036XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	036	J036XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	036	J036XXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous
JSC	036	J036XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	036	J036XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	037	J037XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	037	J037XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	037	J037XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	037	J037XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	037	J037XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	037	J037XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	037	J037XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	037	J037XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	037	J037XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	037	J037XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	037	J037XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	037	J037XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	037	J037XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	037	J037XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	037	J037XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	037	J037XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	037	J037XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	037	J037XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	037	J037XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	037	J037XXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous
JSC	037	J037XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	037	J037XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	037	J037XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	038	J038XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	038	J038XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	038	J038XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous

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Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	038	J038XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	039	J039XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	039	J039XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	039	J039XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	040	J040XXPWS	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	040	J040XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	040	J040XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	040	J040XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	041	J041XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	041	J041XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	041	J041XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	041	J041XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	041	J041XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	041	J041XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	041	J041XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	041	J041XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	042	J042XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	042	J042XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	042	J042XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	042	J042XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	042	J042XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	042	J042XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	042	J042XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	042	J042XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	042	J042XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	044	J044XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	044	J044XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	044	J044XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	044	J044XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous

**Table 2 - 3
Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	044	J044XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	044	J044XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	044	J044XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	044	J044XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	044	J044XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	044	J044XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	044	J044XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	044	J044XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	044	J044XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	044	J044XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	044	J044XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	044	J044XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	044	J044XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	044	J044XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	044	J044XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	044	J044XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	044	J044XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	044	J044XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	045	J045XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	045	J045XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	045	J045XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	045	J045XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	045	J045XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	045	J045XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	045	J045XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	045	J045XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	045	J045XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	045	J045XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	045	J045XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	045	J045XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	045	J045XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	045	J045XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	045	J045XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	045	J045XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	045	J045XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	045	J045XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	045	J045XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	045	J045XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	046	J046XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	046	J046XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	046	J046XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	046	J046XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	046	J046XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	046	J046XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	046	J046XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	046	J046XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	046	J046XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	046	J046XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	046	J046XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	046	J046XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	046	J046XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	046	J046XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	046	J046XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	046	J046XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	046	J046XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	046	J046XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	046	J046XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	046	J046XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	048	J048XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	048	J048XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	048	J048XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	048	J048XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	048	J048XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	048	J048XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	048	J048XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	048	J048XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	048	J048XX8AG	BLDG 48 A-POWER SYSTEM	8AG	E	Sec. J, Att N, Exh. N-1, 1.2.05	3	Continuous
JSC	048	J048XX8BG	BLDG 48 B-POWER SYSTEM	8BG	E	Sec. J, Att N, Exh. N-1, 1.2.04	3	Continuous
JSC	048	J048XX8DG	BLDG 48 D-POWER SYSTEM	8DG	E	Sec. J, Att N, Exh. N-1, 1.2.03	3	Continuous
JSC	048	J048XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	048	J048XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	048	J048XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	048	J048XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	2	Continuous
JSC	048	J048XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	048	J048XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	048	J048XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	048	J048XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	048	J048XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	4	Continuous
JSC	048	J048XXCLT	COOLING TOWERS	CLT	M	Sec. J, Att N, Exh. N-1, 1.1.03	2	Continuous
JSC	048	J048XXDFS	DIESEL FUEL SYSTEM	DFS	M	Sec. J, Att N, Exh. N-1, 1.1.09	1	Continuous
JSC	048	J048XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	048	J048XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	048	J048XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	048	J048XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	2	Continuous
JSC	048	J048XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	049	J049XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	049	J049XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	049	J049XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	049	J049XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	049	J049XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	049	J049XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	049	J049XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	049	J049XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	049	J049XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	049	J049XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	049	J049XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	049	J049XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	049	J049XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	049	J049XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	049	J049XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	049	J049XXCLT	COOLING TOWERS	CLT	M	Sec. J, Att N, Exh. N-1, 1.1.03	1	Continuous
JSC	049	J049XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	049	J049XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	049	J049XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	049	J049XXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous
JSC	049	J049XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	049	J049XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	049	J049XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	049A	J049AXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	049A	J049AXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	049A	J049AXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	049A	J049AXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	049A	J049AXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	049A	J049AXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	049A	J049AXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous
JSC	049A	J049AXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous

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Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	049A	J049AXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	050	J050XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	050	J050XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	050	J050XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	050	J050XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	050	J050XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	050	J050XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	050	J050XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	056	J056XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	056	J056XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	056	J056XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	056	J056XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	056	J056XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	056	J056XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	056	J056XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	056	J056XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	056	J056XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	056	J056XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	056	J056XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	056	J056XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	057	J057XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	057	J057XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	057	J057XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	057	J057XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	057	J057XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	057	J057XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	057	J057XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	057	J057XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	057	J057XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	057	J057XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	057	J057XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	057	J057XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	090	J090XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	090	J090XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	090	J090XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	090	J090XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	090	J090XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	090	J090XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	090	J090XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	090	J090XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	090D	J090DXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	090D	J090DXDWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	101	J101XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	101	J101XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	101	J101XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	101	J101XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	101	J101XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	103	J103XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	103	J103XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	103	J103XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	103	J103XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	103	J103XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	110	J110XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	110	J110XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	110	J110XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	110	J110XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	110	J110XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	110	J110XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	110	J110XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	110	J110XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	110	J110XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	110	J110XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	110	J110XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	110	J110XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	110	J110XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	110	J110XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	111	J111XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	111	J111XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	111	J111XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	111	J111XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	111	J111XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	111	J111XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	111	J111XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	111	J111XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	111	J111XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	111	J111XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	111	J111XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	111	J111XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	111	J111XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	204	J204XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	204	J204XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	204	J204XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	204	J204XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	204	J204XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	207	J207XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	207	J207XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	207	J207XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours

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SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	207	J207XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	207	J207XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	207	J207XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	207	J207XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	207	J207XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	207	J207XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	207	J207XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	207	J207XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	207	J207XXSTE	CAFETERIA	STE	M	Sec. J, Att N, Exh. N-1, 1.1.12	1	Core Hours
JSC	207	J207XXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
JSC	207A	J207AXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	207A	J207AXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	207A	J207AXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	207A	J207AXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	207A	J207AXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	210	J210XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	210	J210XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	210	J210XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	210	J210XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	210	J210XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	210	J210XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	210	J210XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	210	J210XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	210	J210XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	210	J210XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	210	J210XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	210	J210XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	211	J211XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	211	J211XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours

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SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	211	J211XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	211	J211XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	211	J211XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	220	J220XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	220	J220XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	220	J220XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	220	J220XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	220	J220XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	220	J220XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	220	J220XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	220	J220XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	220	J220XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	220	J220XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	220	J220XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	220	J220XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	220	J220XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	220	J220XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	220	J220XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	220	J220XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	221	J221XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	221	J221XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	221	J221XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	221	J221XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	221	J221XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	221	J221XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	221	J221XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	221	J221XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	221	J221XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	221	J221XXHVT	SITE ELECTRICAL 138KV TRANSMISSION SYSTEM	HVT	E	Sec. J, Att N, Exh. N-1, 1.2.01	3	Continuous

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SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	221	J221XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	221	J221XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	221	J221XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	221	E221XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	221	J221XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	221	J221XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	221	J221XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	222	J222XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	222	J222XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	222	J222XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	222	J222XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	222	J222XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	222	J222XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	222	J222XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	222	J222XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	222	J222XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	222	J222XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	222	J222XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	222	J222XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	222	J222XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	222	J222XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	222	J222XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	222	J222XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	222	J222XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	222	J222XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	222	J222XXSCR	STEAM AND CONDENSATE	SCR	M	Sec. J, Att N, Exh. N-1, 1.1.05	1	Continuous
JSC	222	J222XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	223	J223XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	223	J223XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	223	J223XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	223	J223XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	223	J223XXSNP	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	223	J223XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	223	J223XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	223	J223XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	223	J223XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	223	J223XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	223	J223XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	223	J223XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	223	J223XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	225	J225XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	225	J225XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	225	J225XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	225	J225XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	225	J225XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	225	J225XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	225	J225XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	225	J225XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	225	J225XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	225	J225XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	225	J225XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	225	J225XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	225	J225XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	225	J225XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	226	J226XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	226	J226XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	226	J226XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	226	J226XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	226	J226XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	226	J226XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	226	J226XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	226	J226XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	226	J226XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	226	J226XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	226	J226XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	226	J226XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	226	J226XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	226	J226XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	226	J226XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	226	J226XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	227	J227XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	227	J227XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	227	J227XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	227	J227XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	227	J227XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	227	J227XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	227	J227AXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	227	J227XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	227	J227XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	227	J227XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	227	J227XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	227	J227XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	227	J227XXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
JSC	227	J227XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	227	J227XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	227	J227XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	227	J227XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	227	J227XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	228	J228XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	228	J228XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	228	J228XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	228	J228XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	228	J228XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	228	J228XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	228	J228XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	228	J228XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	228	J228XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	228	J228XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	228	J228XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	228	J228XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	228	J228XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	228	J228XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	228	J228XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	229	J229XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	229	J229XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	229	J229XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	229	J229XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	229	J229XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	229	J229XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	229	J229XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	229	J229XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	229	J229XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	229	J229XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	229	J229XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	229	J229XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	229	J229XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	229	J229XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	230	J230XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	230	J230XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	230	J230XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	230	J230XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	230	J230XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	230	J230XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	230	J230XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	230	J230XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	230	J230XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	230	J230XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	230	J230XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	230	J230XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	230	J230XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	231	J231XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	231	J231XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	231	J231XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	231	J231XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	231	J231XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	231	J231XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	231	J231XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	231	J231XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	231	J231XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	231	J231XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	231	J231XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	231	J231XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	231	J231XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	232	J232XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	232	J232XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	232	J232XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	232	J232XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	232	J232XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	232	J232XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	232	J232XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	232	J232XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	232	J232XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	232	J232XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	232	J232XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	241	J241XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	241	J241XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	241	J241XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	241	J241XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	241	J241XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	241	J241XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	241	J241XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	241	J241XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	241	J241XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	241	J241XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	241	J241XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	241	J241XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	241	J241XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	241	J241XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	241	J241XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	259	J259XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	259	J259XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	259	J259XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	259	J259XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	259	J259XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous

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Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	259	J259XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	259	J259XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	259	J259XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	259	J259XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	259	J259XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	259	J259XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	259	J259XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	259	J259XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	259	J259XXREF	REFRIGERATION SYSTEM	REF	M	Sec. J, Att N, Exh. N-1, 1.1.07	1	Continuous
JSC	259	J259XXSTE	CAFETERIA	STE	M	Sec. J, Att N, Exh. N-1, 1.1.12	1	Core Hours
JSC	260	J260XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	260	J260XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	260	J260XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	260	J260XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	260	J260XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	260	J260XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	260	J260XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	260	J260XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	260	J260XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	260	J260XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	260	J260XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	260	J260XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	260	J260XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	260	J260XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	260	J260XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	260	J260XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	260	J260XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	260A	J260AXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	260A	J260AXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	260A	J260AXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	260A	J260AXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	260A	J260AXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	260A	J260AXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	260A	J260AXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	260A	J260AXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	260A	J260AXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	260A	J260AXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	260A	J260AXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	260A	J260AXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	260A	J260AXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	260A	J260AXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	260A	J260AXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	261	J261XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	261	J261XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	261	J261XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	261	J261XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	261	J261XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	261	J261XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	261	J261XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	261	J261XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	261	J261XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	261	J261XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	261	J261XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	261	J261XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	261	J261XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	261	J261XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	262A	J262AXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	262A	J262AXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	262A	J262AXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	262A	J262AXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	262A	J262AXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	262A	J262AXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	262A	J262AXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	262A	J262AXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	262A	J262AXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	262A	J262AXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	262A	J262AXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	262A	J262AXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	262A	J262AXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	262B	J262BXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	262B	J262BXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	262B	J262BXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	262B	J262BXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	262B	J262BXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	262B	J262BXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	262B	J262BXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	262B	J262BXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	262B	J262BXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	262B	J262BXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	262B	J262BXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	262B	J262BXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	263	J263XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	263	J263XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	263	J263XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	263	J263XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	263	J263XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	263	J263XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	263	J263XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	263	J263XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	263	J263XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	263	J263XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	263	J263XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	263A	J263AXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	263A	J263AXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	263A	J263AXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	263A	J263AXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	263A	J263AXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	263A	J263AXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	263A	J263AXCSA	CONTAINER STORAGE AREA	CSA	X	Sec. J, Att N, Exh. N-1, 1.5.03	1	Continuous
JSC	264	J264XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	264	J264XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	264	J264XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	264	J264XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	264	J264XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	264	J264XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	264	J264XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	264	J264XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	264	J264XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	264	J264XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	265	J265XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	265	J265XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	265	J265XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	265	J265XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	265	J265XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	265	J265XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	265	J265XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	265	J265XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	265	J265XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	265	J265XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	265	J265XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	265	J265XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	266	J266XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	266	J266XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	266	J266XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	266	J266XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	266	J266XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	266	J266XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	266	J266XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	266	J266XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	266	J266XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	266	J266XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	266	J266XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	266	J266XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	266	J266XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	267	J267XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	267	J267XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	267	J267XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	267	J267XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	267	J267XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	267	J267XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	267	J267XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	267	J267XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	267	J267XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	267	J267XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	267	J267XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	267	J267XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	267	J267XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	267	J267XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	267	J267XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	268	J268XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	268	J268XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	268	J268XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	268	J268XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	268	J268XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	268	J268XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	268	J268XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	268	J268XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	268	J268XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	268	J268XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	268	J268XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	268	J268XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	268	J268XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	269	J269XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	269	J269XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	269	J269XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	269	J269XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	269	J269XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	269	J269XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	269	J269XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	269	J269XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	269	J269XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	269	J269XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	269	J269XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	269	J269XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	269	J269XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	302	J302XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	302	J302XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	304	J304XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	304	J304XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	304	J304XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	304	J304XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	304	J304XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	304	J304XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	304	J304XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	304	J304XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	304	J304XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	304	J304XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	304	J304XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	304	J304XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	305	J305XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	305	J305XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	305	J305XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	305	J305XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	305	J305XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	306	J306XXPWG	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	306	J306XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	306	J306XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	320	J320XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	320	J320XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	320	J320XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	320	J320XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	320	J320XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	320	J320XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	320	J320XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	320	J320XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	321	J321XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	321	J321XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	321	J321XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	321	J321XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	321	J321XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	321	J321XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	321	J321XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	321	J321XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	321	J321XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	321	J321XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	321	J321XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	321	J321XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	321	J321XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	321	J321XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	322	J322XXPWD	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	322	J322XXPWP	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	322	J322XXPWT	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	322	J322XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	322	J322XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	322	J322XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
JSC	322	J322XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	322	J322XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	322	J322XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	322	J322XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	323	J323XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	323	J323XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	323	J323XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	323	J323XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	323	J323XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	323	J323XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	323	J323XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	323	J323XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	323	J323XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	323	J323XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	323	J323XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	323	J323XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	323	J323XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	324	J324XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	324	J324XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	324	J324XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	324	J324XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	324	J324XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	324	J324XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	324	J324XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	324	J324XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	324	J324XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	324	J324XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	324	J324XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	324	J324XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	324	J324XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	325	J325XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	325	J325XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	325	J325XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	325	J325XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	325	J325XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	325	J325XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	325	J325XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	325	J325XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	325	J325XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	325	J325XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	325	J325XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	325	J325XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	325	J325XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	325	J325XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	325	J325XXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
JSC	325	J325XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	326	J326XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	326	J326XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	326	J326XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	326	J326XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	326	J326XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	326	J326XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	326	J326XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	326	J326XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	326	J326XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	326	J326XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	326	J326XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	326	J326XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	326	J326XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	326	J326XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	326	J326XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	326A	J326AXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	326A	J326AXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	326A	J326AXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	326A	J326AXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	326A	J326AXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	326A	J326AXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	326A	J326AXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	326A	J326AXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	326C	J326CXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	326D	J326DXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	326E	J326EXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	326F	J326FXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	327	J327XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	327	J327XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	327	J327XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	327	J327XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	327	J327XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	327	J327XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	327	J327XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	327	J327XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	327	J327XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	327	J327XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	327	J327XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	327	J327XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	328	J328XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	328	J328XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	328	J328XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	328	J328XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	328	J328XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	328	J328XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	328	J328XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	328	J328XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	328	J328XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	328	J328XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	328	J328XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	328	J328XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	328	J328XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	328	J328XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	329	J329XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	329	J329XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	329	J329XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	329	J329XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	329	J329XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	329	J329XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	329	J329XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	329	J329XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	329	J329XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	329	J329XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	329	J329XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	329	J329XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	329	J329XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	329	J329XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	329	J329XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	329	J329XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	330	J330XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	330	J330XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	330	J330XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	330	J330XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	330	J330XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	330	J330XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	330	J330XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	330	J330XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	330	J330XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	330	J330XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	330	J330XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	332	J332XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	333	J333XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	333	J333XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	333	J333XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	333	J333XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	333	J333XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	333	J333XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	333	J333XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	333	J333XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	333	J333XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	333A	J333AXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	334	J334XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	334	J334XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	334	J334XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	334	J334XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	334	J334XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	334	J334XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	334	J334XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	334	J334XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	335	J335XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	335	J335XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	335	J335XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	335	J335XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	335	J335XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	335	J335XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	335	J335XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	335	J335XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	336	J336XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	336	J336XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	336	J336XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	336	J336XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	336	J336XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	336	J336XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	336	J336XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	336	J336XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	336	J336XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	336	J336XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	336	J336XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	336	J336XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	336	J336XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	337	J337XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	337	J337XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	337	J337XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	337	J337XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	337	J337XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	337	J337XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	337	J337XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	337	J337XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	337	J337XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	338	J338XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	338	J338XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	338	J338XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	338	J338XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	338	J338XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	338	J338XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous

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Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	338	J338XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	338	J338XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	338	J338XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	338	J338XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	338	J338XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	338	J338XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	338	J338XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	338	J338XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	338	J338XXCSA	CONTAINER STORAGE AREA	CSA	X	Sec. J, Att N, Exh. N-1, 1.5.03	1	Continuous
JSC	339	J339XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	339	J339XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	339	J339XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	339	J339XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	340	J340XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	341	J341XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	341	J341XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	341	J341XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	342	J342XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	342	J342XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	342	J342XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	342	J342XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	342	J342XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	342	J342XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	342	J342XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	342	J342XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	342	J342XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	342	J342XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	342	J342XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	342	J342XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	342	J342XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	342	J342XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	342	J342XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	342	J342XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	343	J343XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	343	J343XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	343	J343XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	343	J343XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	343	J343XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	343	J343XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	343	J343XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	343	J343XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	343	J343XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	343	J343XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	343	J343XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	343	J343XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	343	J343XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	343	J343XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	343	J343XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	343N	J343NXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	343N	J343NXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	343N	J343NXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	343N	J343NXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	343N	J343NXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	343N	J343NXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	343N	J343NXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	343N	J343NXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	343N	J343NXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	343N	J343NXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	343N	J343NXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	343N	J343NXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	343N	J343NXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	343N	J343NXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	343N	J343NXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	343N	J343NXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	343N	J343NXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	348	J348XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	348	J348XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	348	J348XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	348	J348XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	348	J348XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	348	J348XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	348	J348XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	348	J348XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	349	J349XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	349	J349XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	349	J349XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	349	J349XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	349	J349XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	349	J349XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	349	J349XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	349	J349XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	349	J349XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	349	J349XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	349	J349XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	349	J349XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	349	J349XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	349	J349XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	350	J350XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	350	J350XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	350	J350XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	350	J350XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	350	J350XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	350	J350XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	350	J350XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	350	J350XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	350	J350XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	350	J350XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	350	J350XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	350	J350XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	350	J350XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	350	J350XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	350	J350XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	350	J350XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	350	J350XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	350	J350XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	350	J350XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	350	J350XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	351	J351XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	351	J351XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	351	J351XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	351	J351XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	351	J351XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	351	J351XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	351	J351XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	351	J351XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	351	J351XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	351	J351XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	351	J351XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	351	J351XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	351	J351XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	351	J351XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	351	J351XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	351	J351XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	351	J351XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	351	J351XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	351	J351XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	352	J352XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	352	J352XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	352	J352XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	352	J352XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	352	J352XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	352	J352XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	352	J352XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	352	J352XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	352	J352XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	352	J352XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	352	J352XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	352	J352XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	352	J352XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	352	J352XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	352	J352XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	352	J352XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	352	J352XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	352	J352XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	353	J353XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	353	J353XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	353	J353XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	353	J353XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	353	J353XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	353	J353XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	353	J353XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	353	J353XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	353	J353XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	353	J353XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	353	J353XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	353	J353XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	353	J353XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	353	J353XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	353	J353XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	353	J353XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	353	J353XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	353	J353XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	353	J353XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	354	J354XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	354	J354XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	354	J354XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	354	J354XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	354	J354XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	354	J354XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	354	J354XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	354	J354XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	354	J354XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	354	J354XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	354	J354XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	354	J354XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	354	J354XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	354	J354XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	354	J354XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	354	J354XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	354	J354XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	354	J354XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	355	J355XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	355	J355XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	355	J355XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	355	J355XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	355	J355XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	355	J355XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	355	J355XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	355	J355XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	355	J355XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	355	J355XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	355	J355XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	355	J355XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	356	J356XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	356	J356XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	356	J356XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	356	J356XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	356	J356XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	356	J356XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	356	J356XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	356	J356XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	356	J356XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	356	J356XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	356	J356XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	356	J356XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	356	J356XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	356	J356XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	356	J356XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	356	J356XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	356	J356XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	356	J356XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	356	J356XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	356	J356XXWTC	WASTE TANK COLLECTION SYSTEM	WTC	X	Sec. J, Att N, Exh. N-1, 1.5.01	1	Continuous
JSC	357	J357XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	357	J357XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	357	J357XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	357	J357XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	357	J357XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	357	J357XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	357	J357XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	357	J357XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	357	J357XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	358	J358XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	358	J358XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	358	J358XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	358	J358XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	358	J358XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	358	J358XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	358	J358XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	358	J358XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	358	J358XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	358	J358XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	358	J358XXWTC	WASTE TANK COLLECTION SYSTEM	WTC	X	Sec. J, Att N, Exh. N-1, 1.5.01	1	Continuous
JSC	358	J358XXWWI	WASTEWATER IMPOUNDMENTS	WWI	X	Sec. J, Att N, Exh. N-1, 1.5.05	1	Continuous
JSC	359	J359XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	359	J359XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	359	J359XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	359	J359XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	359	J359XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	359	J359XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	359	J359XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	359	J359XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	359	J359XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	359	J359XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	359	J359XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	359	J359XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	361	J361XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	361	J361XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	361	J361XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	361	J361XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	361	J361XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	361	J361XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	361	J361XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	361	J361XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	361	J361XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	361	J361XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	361	J361XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	361	J361XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
JSC	361	J361XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	361	J361XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	361	J361XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous

**Table 2 - 3
Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	361	J361XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	361	J361XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	380	J380XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	380	J380XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	380	J380XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	380	J380XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	380	J380XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	380	J380XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	380	J380XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	380	J380XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	380	J380XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	380	J380XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	380	J380XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	380	J380XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	380	J380XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	380	J380XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	381	J381XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	381	J381XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	381	J381XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	381	J381XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	381	J381XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	381	J381XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	381	J381XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	381	J381XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	382	J382XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	382	J382XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	382	J382XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	382	J382XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	382	J382XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous

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Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	383	J383XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	383	J383XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	383	J383XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	383	J383XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	383	J383XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	383	J383XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	383	J383XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	383	J383XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	383	J383XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	383	J383XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	383	J383XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	383	J383XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	383	J383XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	383	J383XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	383	J383XXGTS	GROUNDWATER TREATMENT SYSTEM	GTS	X	Sec. J, Att N, Exh. N-1, 1.5.06	1	Continuous
JSC	412	J412XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	412	J412XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	412	J412XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	412	J412XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	412	J412XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	412	J412XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	412	J412XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	413	J413XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	413	J413XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	413	J413XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	413	J413XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	413	J413XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	413	J413XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	413	J413XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	413	J413XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	413	J413XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	413	J413XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	415	J415XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	415	J415XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	415	J415XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	415	J415XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	415	J415XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	415	J415XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	415	J415XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	416	J416XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	416	J416XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	416	J416XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	416	J416XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	416	J416XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	416	J416XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	416	J416XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	416	J416XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	416	J416XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	416	J416XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	416	J416XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	416	J416XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	416	J416XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	416	J416XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	417	J417XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	417	J417XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	417	J417XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	417	J417XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	417	J417XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous

**Table 2 - 3
Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	417	J417XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	417	J417XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	417	J417XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	417	J417XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	417	J417XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	417	J417XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	417	J417XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	417	J417XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	417	J417XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	417	J417XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	417	J417XXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
JSC	418	J418XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	418	J418XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	418	J418XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	418	J418XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	419	J419XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	419	J419XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	419	J419XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	419	J419XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	419	J419XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	419	J419XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	419	J419XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	419	J419XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	419	J419XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	419	J419XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	419	J419XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	419	J419XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	419	J419XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	419	J419XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	419	J419XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	419	J419XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	419	J419XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	420	J420XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	420	J420XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	420	J420XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	420	J420XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	420	J420XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	420	J420XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	420	J420XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	420	J420XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	420	J420XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	420	J420XXCTS	CENTRAL TELECOMMUNICATIONS SYSTEMS (CTS)	CTS	E	Sec. J, Att N, Exh. N-1, 1.2.15	1	Continuous
JSC	420	J420XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	420	J420XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	420	J420XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	420	J420XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	420	J420XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	420	J420XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	420	J420XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	420	J420XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	420	J420XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	420	J420XXREF	REFRIGERATION SYSTEM	REF	M	Sec. J, Att N, Exh. N-1, 1.1.07	1	Continuous
JSC	420	J420XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
JSC	421	J421XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	421	J421XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	421	J421XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	421	J421XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	421	J421XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous

**Table 2 - 3
Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	421	J421XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	421	J421XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	421	J421XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	421	J421XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	421	J421XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	421	J421XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	421	J421XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	421	J421XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	421	J421XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	421	J421XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
JSC	421	J421XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	421	J421XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	421	J421XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	421	J421XXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
JSC	422	J422XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	422	J422XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	422	J422XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	422	J422XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	422	J422XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	422	J422XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	422	J422XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	422	J422XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	422	J422XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	422	J422XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	422	J422XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	422	J422XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	422	J422XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	422	J422XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	422	J422XXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	422	J422XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	422	J422XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	422	J422XXREF	REFRIGERATION SYSTEM	REF	M	Sec. J, Att N, Exh. N-1, 1.1.07	1	Continuous
JSC	422	J422XXUHR	SPACE HEATING	UHR	M	Sec. J, Att N, Exh. N-1, 1.1.10	1	HVACSR
JSC	423	J423XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	423	J423XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	423	J423XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	423	J423XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	423	J423XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	423	J423XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	423	J423XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	423	J423XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	423	J423XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	423	J423XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	423	J423XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	423	J423XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
JSC	423	J423XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	423	J423XXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
JSC	424	J424XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	424	J424XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	424	J424XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	424	J424XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	424	J424XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	424	J424XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	424	J424XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	424	J424XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	424	J424XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	424	J424XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
JSC	424	J424XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	425	J425XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	425	J425XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	425	J425XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
JSC	425	J425XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	425	J425XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	425	J425XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	425	J425XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
JSC	425	J425XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	425	J425XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	425	J425XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	425	J425XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	450	J450XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	450	J450XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
JSC	450	J450XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	1	Continuous
JSC	450	J450XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	450	J450XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	450	J450XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
JSC	450	J450XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	450	J450XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	450	J450XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
JSC	450	J450XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	578	J578XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	584	J584XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	585	J585XXDWH	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	585	J585XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	585	J585XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	585	J585XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
JSC	585	J585XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	586	J586XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
JSC	586	J586XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
JSC	586	J586XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	586	J586XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
JSC	586	J586XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
JSC	586	J586XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
JSC	586	J586XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
JSC	587	J587XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
JSC	998	J998XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	2	Continuous
JSC	998	J998XXFGT	FENCES AND GATES	FGT	C	Sec. J, Att N, Exh. N-1, 1.4.11	2	Continuous
JSC	998	J998XXNGS	NATURAL GAS SYSTEM	NGS	C	Sec. J, Att N, Exh. N-1, 1.4.04	2	Continuous
JSC	998	J998XXPWD	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	2	Core Hours
JSC	998	J998XXRPD	PUBLIC DISPLAYS	RPD	C	Sec. J, Att N, Exh. N-1, 1.4.12	2	Continuous
JSC	998	J998XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	2	Continuous
JSC	998	J998XXTIS	TURF IRRIGATION	TIS	C	Sec. J, Att N, Exh. N-1, 1.4.07	2	Continuous
JSC	998	J998XXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	2	Continuous
JSC	998	J998XXELT	EXTERIOR LIGHTING SYSTEM	ELT	E	Sec. J, Att N, Exh. N-1, 1.2.06	2	Continuous
JSC	998	J998XXEWS	SITE EMERGENCY WARNING SYSTEMS	EWS	E	Sec. J, Att N, Exh. N-1, 1.2.17	2	Continuous
JSC	998	J998XXFPS	FIRE PROTECTION AND SECURITY SYSTEM	FPS	E	Sec. J, Att N, Exh. N-1, 1.2.20	2	Continuous
JSC	998	J998XXMVD	SITE ELECTRICAL 15KV DISTRIBUTION	MVD	E	Sec. J, Att N, Exh. N-1, 1.2.02	3	Continuous
JSC	998	J998XXOWL	SITE OBSTRUCTION AND WARNING LIGHTING SYSTEM	OWL	E	Sec. J, Att N, Exh. N-1, 1.2.12	2	Continuous
JSC	998	J998XXSIS	SITE INTERCOM SYSTEM	SIS	E	Sec. J, Att N, Exh. N-1, 1.2.18	2	Continuous
JSC	998	J998XXSTC	SITE TRAFFIC CONTROL	STC	E	Sec. J, Att N, Exh. N-1, 1.2.07	2	Continuous
JSC	998	J998XXBER	CONTAINMENT BERMS	BER	X	Sec. J, Att N, Exh. N-1, 1.5.04	2	Continuous
SCTF	920A	S920AXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
SCTF	920A	S920AXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
SCTF	920A	S920AXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
SCTF	920A	S920AXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
SCTF	920A	S920AXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
SCTF	920A	S920AXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous

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Building Systems**

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
SCTF	920A	S920AXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
SCTF	920A	S920AXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
SCTF	920A	S920AXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
SCTF	920A	S920AXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
SCTF	920A	S920AXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
SCTF	920L	S920LXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
SCTF	920L	S920LXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
SCTF	920L	S920LXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
SCTF	920L	S920LXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
SCTF	920L	S920LXELE	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
SCTF	920L	S920LXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
SCTF	920L	S920LXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
SCTF	920L	S920LXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
SCTF	920L	S920LXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
SCTF	920L	S920LXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
SCTF	920L	S920LXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
SCTF	920L	S920LXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
SCTF	920L	S920LXCLT	COOLING TOWERS	CLT	M	Sec. J, Att N, Exh. N-1, 1.1.03	1	Continuous
SCTF	920L	S920LXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
SCTF	920L	S920LXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
SCTF	920L	S920LXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
SCTF	920L	S920LXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
SCTF	920L	S920LXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
SCTF	920N	S920NXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
SCTF	920N	S920NXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
SCTF	920N	S920NXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
SCTF	920N	S920NXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
SCTF	920N	S920NXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
SCTF	920N	S920NXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous

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Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
SCTF	920N	S920NXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
SCTF	920N	S920NXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
SCTF	920N	S920NXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
SCTF	920N	S920NXEMC	ENERGY MANAGEMENT CONTROL SYSTEM	EMC	E	Sec. J, Att N, Exh. N-1, 1.2.08	1	Continuous
SCTF	920N	S920NXEPB	EMERGENCY POWER BACKUP SYSTEMS	EPB	E	Sec. J, Att N, Exh. N-1, 1.2.16	1	Continuous
SCTF	920N	S920NXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
SCTF	920N	S920NXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
SCTF	920N	S920NXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
SCTF	920N	S920NXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
SCTF	920N	S920NXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
SCTF	920N	S920NXCHW	CHILLED WATER	CLC	M	Sec. J, Att N, Exh. N-1, 1.1.01	1	Continuous
SCTF	920N	S920NXCLT	COOLING TOWERS	CLT	M	Sec. J, Att N, Exh. N-1, 1.1.03	1	Continuous
SCTF	920N	S920NXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
SCTF	920N	S920NXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
SCTF	920N	S920NXHBC	HYPERBARIC CHAMBER SYSTEM	HBC	M	Sec. J, Att N, Exh. N-1, 1.1.13	1	Continuous
SCTF	920N	S920NXHWH	HOT WATER-HEATING	HWH	M	Sec. J, Att N, Exh. N-1, 1.1.08	1	HVACSR
SCTF	920N	S920NXPSW	PROCESS WATER	PSW	M	Sec. J, Att N, Exh. N-1, 1.1.11	1	Continuous
SCTF	920N	S920NXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
SCTF	920N	S920NXELE	ELEVATORS	ELE	O	Sec. J, Att N, Exh. N-1, 1.6.02	2	Continuous
SCTF	924	S924XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
SCTF	924	S924XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
SCTF	924	S924XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
SCTF	924	S924XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
SCTF	924	S924XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
SCTF	924	S924XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
SCTF	924	S924XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
SCTF	924	S924XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
SCTF	924	S924XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
SCTF	924	S924XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous

Table 2 - 3
Building Systems

SITE	BLDG	CMMS MAINT ID	SYSTEM LABEL	CMMS SYSTEM CODE	SYSTEM TYPE CODE	SYSTEM DEFINITIONS	Pkg Factor	Operational Hours
SCTF	924	S924XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
SCTF	924	S924XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
SCTF	924	S924XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
SCTF	924	S924XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
SCTF	924	S924XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
SCTF	924	S924XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
SCTF	924	S924XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
SCTF	925	S925XXDHW	POTABLE HOT WATER	DHW	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
SCTF	925	S925XXFFP	FIRE PROTECTION	FFP	C	Sec. J, Att N, Exh. N-1, 1.4.05	1	Continuous
SCTF	925	S925XXPWR	POTABLE WATER	PWR	C	Sec. J, Att N, Exh. N-1, 1.4.06	1	Core Hours
SCTF	925	S925XXRUD	DOORS AND BARRIERS	RUD	C	Sec. J, Att N, Exh. N-1, 1.4.10	1	Continuous
SCTF	925	S925XXSET	FACILITY EXTERIOR SYSTEM	SET	C	Sec. J, Att N, Exh. N-1, 1.4.09	1	Continuous
SCTF	925	S925XXSIT	FACILITY INTERIOR SYSTEM	SIT	C	Sec. J, Att N, Exh. N-1, 1.4.08	1	Continuous
SCTF	925	S925XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
SCTF	925	S925XXSWS	STORM SEWER SYSTEM	SWS	C	Sec. J, Att N, Exh. N-1, 1.4.03	1	Continuous
SCTF	925	S925XXELS	EMERGENCY LIGHTING SYSTEM	ELS	E	Sec. J, Att N, Exh. N-1, 1.2.11	1	Continuous
SCTF	925	S925XXGND	GROUNDING SYSTEM	GND	E	Sec. J, Att N, Exh. N-1, 1.2.14	1	Continuous
SCTF	925	S925XXLPS	LIGHTNING PROTECTION SYSTEM	LPS	E	Sec. J, Att N, Exh. N-1, 1.2.13	1	Continuous
SCTF	925	S925XXLTG	LIGHTING SYSTEM (GENERAL)	LTG	E	Sec. J, Att N, Exh. N-1, 1.2.10	1	Continuous
SCTF	925	S925XXSDE	SECONDARY DISTRIBUTION EQUIPMENT	SDE	E	Sec. J, Att N, Exh. N-1, 1.2.09	1	Continuous
SCTF	925	S925XXCAR	COMPRESSED AIR	CAR	M	Sec. J, Att N, Exh. N-1, 1.1.04	1	Continuous
SCTF	925	S925XXEXH	EXHAUST AND VENTILATION	EXH	M	Sec. J, Att N, Exh. N-1, 1.1.06	1	Continuous
SCTF	925	S925XXHAC	HVAC SYSTEM	HAC	M	Sec. J, Att N, Exh. N-1, 1.1.02	1	HVACSR
SCTF	925	S925XXCRN	LIFTING DEVICES	CRN	O	Sec. J, Att N, Exh. N-1, 1.6.01	3	Continuous
SCTF	998	S998XXFGT	FENCES AND GATES	FGT	C	Sec. J, Att N, Exh. N-1, 1.4.11	1	Continuous
SCTF	998	S998XXSNS	SANITARY SEWER	SNS	C	Sec. J, Att N, Exh. N-1, 1.4.02	1	Continuous
SCTF	998	S998XXBER	CONTAINMENT BERMS	BER	X	Sec. J, Att N, Exh. N-1, 1.5.04	1	Continuous

Table 3-1

PHASE SCHEDULE FOR PERFORMING FACILITY CONDITION ASSESSMENT ON BUILDINGS

Contract Year 1	Contract Year 2	Contract Year 3	Contract Year 4	Contract Year 5
Buildings	Buildings	Buildings	Buildings	Buildings
7	301	1	16	4
14	302	2	17	5
15	304	3	24	29
18	305	8	25	33
38	320	9	28	36
40	321	10	30	220
90	322	11	31	222
102	323	12	32	225
103	324	45	34	226
204	325	46	35	227
207	326	59	37	230
210	327	105	39	231
211	328	110	41	232
228	329	111	42	262
229	330	269	43	264
241	332	319	44	265
250	333	359	48	266
260	334	361	49	268
261	335	380	50	269
263	336	381	56	E135
267	337	382	57	E136
420	338	383	221	E137
E266	339	384	223	E138
E273	340	412	259	E139
E276	341	413	T584	E140
E277	342	415	T585	E142
E278	343	416	T586	E150
E380	348	417	T587	E151
E990	349	418	T588	E245
E991	350	419	T589	E247
E992	351	420	Tunnel	E248
E993	352	421		E260
E994	353	422		E261
	354	423		E263

Table 3-1

PHASE SCHEDULE FOR PERFORMING FACILITY CONDITION ASSESSMENT ON BUILDINGS

Contract Year 1	Contract Year 2	Contract Year 3	Contract Year 4	Contract Year 5
Buildings	Buildings	Buildings	Buildings	Buildings
	355	424		E263
	356	425		E265
	357			E267
	358			E270
	920			E271
	924			E272
	925			E279

NOTE: Building numbers include all locations in that building complex; ie. 9 includes 9N,S,E etc. and 326 includes 326 a,c,d,e,j.

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5 ENGINEERING

5.1 General Information

5.1.1 Annex Description

This Annex identifies the facilities engineering support services required by the Government. Engineering called for in this Annex is exclusive of all engineering necessary to meet other Contract requirements as called for in other annexes. Days called out in this Annex are to be considered calendar days.

5.1.2 Reserved

5.1.3 Restrictions, Limitations, and Special Conditions

The Contractor shall plan and comply with appropriate personnel entry restrictions to secure facilities to accomplish the work called for in this Annex. These facilities are called out in the ****Alarmed, Card Reader, and Personnel Authorized Only Buildings** documents.

5.1.4 Professional and Non-Professional Engineering Services

Professional engineering services shall include, but not be limited to: civil, architectural, mechanical, electrical, structural, environmental, and fire protection. Some crane, instrumentation, electronic control, chemical, and other similar specialties will be required during the life of this Contract. Non-professional engineering services shall include, but not be limited to: drafters, detailers, Computer-Aided Drafting (CAD) operators, in-field testing and research, and other similar services required during the performance of engineering services.

5.1.5 Design Overview

This Annex addresses all engineering and design work where the construction value is less than \$200,000. All designs for construction projects greater than \$200,000 shall be covered by Annex 13. All designs and studies shall be prepared under the supervision of a professional engineer registered in the State of Texas and shall bear the seal and signature of the responsible registered engineer for each discipline worked. All designs and studies shall be in compliance with Federal, State, local, and JSC requirements and regulations. The Contractor shall coordinate designs and obtain approval signatures with the appropriate JSC organization which include, but are not limited to: the site Safety, Pressure Systems, Environmental, Fire Protection, the site customer, Government project engineer, etc., ensuring each design meets all appropriate codes and regulations. The Contractor shall retain sole responsibility for ensuring all designs comply with applicable regulations and also ensure all applicable designs meet ****NASA JSC Standards and Policies, 10 Code of Federal Regulations (CFR) 435 and 436, **E.O. 13123, Section 401 and subsequent legislation.** The contractor shall ensure that all energy efficient goods and materials are purchased in accordance with ****EO 131213, Section 403-(b).**

5.1.6 Design Reviews

The Government will request one interim review on a project-by-project basis for 20 percent of the projects with a construction value between \$10,000 and \$50,000. The Government may request a maximum of three interim design reviews, for example at 30 percent, 60 percent, and 90 percent for all projects with a construction value greater than \$50,000. For each interim design review, the Contractor shall provide between three to five copies of the design drawings, specifications, and cost estimate. The exact number of required copies will be provided by the Government with the final scope of work for the design. The Government will provide its design review comments within 14 days of receiving the review drawings and specifications.

5.1.7 Scope of Work and Design Schedules

Periodically, high priority or emergency design tasks will be assigned by the Government requiring the Contractor to deliver a product earlier than the schedules called for in this Annex. If the Contractor can deliver the product at the earlier date without impacting the schedule of any other design work assigned to them, the Contractor shall so notify the Government, and proceed to perform the work to the earlier schedule. In this case, no adjustment will be made to the schedules of other work.

If, upon notification from the Government of a need for an earlier product delivery, the Contractor determines that meeting the earlier schedule will impact the schedules of other design deliverables, the Contractor shall identify and notify the Government within 1 day the affected task(s) where schedule slips are projected, along with the scope of work of slip for each affected task. The Government will, at its discretion, negotiate and procure an accelerated design as an IDIQ and delivery order per Annex 6.

5.1.8 Definitions

Master Facility Drawings - Drawings, hard copy or electronic, that act as the official record of the site's facilities and have not been vectorized.

Raster Master Drawings - Master facility drawings that have been scanned into an electronic format.

As-Building - Master facility drawings that accurately represent existing conditions in the field.

Work Authorization Document (WAD) - Single form used to authorize work, record site customer requests, **** SOW**, design requirements, status, costs and funding authorization.

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Design Package (Final Design) - A final design package includes: Final ** SOW, engineering calculations, a copy of the relevant catalog cut sheets, design drawings (manually drawn or created by CAD), the specifications, and final construction cost estimate.

Construction - Any and all field work for the purpose of constructing new facilities, and modifying, rehabilitating or repairing existing facilities. Construction schedules incorporate Shuttle Transportation System (STS), International Space Station (ISS) flight and simulation schedules, outages, and any other known restrictions.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
5.2	Scope of Work (** SOW) Develop ** SOW to meet site customer requests.	<p>Develop accurate facility modifications to meet site customer requests.</p> <p>Coordinate with appropriate Government personnel, site customers, and Contractor personnel to develop all requirements, perform field investigations, research facility drawings, and perform an engineering analysis to determine the facility modifications, new construction, or both necessary to meet the site customer requirements. The analysis shall include, but not be limited to: a review of Reliability Centered Maintenance (RCM), Life-Cycle Costs (LCC), good engineering practices, safety requirements, environmental impacts, asbestos abatement, hazardous waste generation, secondary containment, lead paint abatement etc.</p> <p>a. ** SOW shall be clear, concise, and completed with all required information to clearly define design requirements. Develop performance requirements within the ** SOW to specify pass-fail criteria for the final design package. **SOW Examples.</p> <p>Determine the construction cost-range and schedule completion for the final design package per Table 5-1. The ** SOW construction cost ranges shall be as indicated below:</p> <p style="margin-left: 40px;">\$0 – \$2,500</p> <p style="margin-left: 40px;">\$2,500 – \$10,000</p> <p style="margin-left: 40px;">\$10,001 – \$25,000</p> <p style="margin-left: 40px;">\$25,001 – \$50,000</p> <p style="margin-left: 40px;">\$50,001 – \$100,000</p> <p style="margin-left: 40px;">\$100,001 - \$200,000</p> <p>NOTE: Schedule provides for proper design review and comments by the Government if applicable.</p> <p>b. Submit ** SOW, construction cost-range, and schedule completion for the final design package to the Government and site customer via electronic mail per the schedule below:</p> <ol style="list-style-type: none"> 1. Provide ** SOW and final design package within 28 days receipt of the WAD request when the facility project estimated construction value is less than \$2,500. 2. Provide ** SOW within 10 days receipt of the WAD request when the facility project estimated construction value is between \$2,500 and \$25,000. 3. Provide ** SOW within 15 days receipt of the WAD request when the facility project estimated construction value is greater than \$25,000. 	300 **SOW's See Table 5-1	<p>** SOW submitted on schedule and accurately identifies all facility design modifications and cost range.</p> <p>Nothing additional</p> <p>Process ** SOW on time and final design if required.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>NOTE: Final design package timetable begins when WAD request is submitted to the Contractor from the Government and is not contingent upon Government approval of ** SOW. The final design package timetable is complete when the Government receives all deliverables that constitute a final design package.</p> <p>c. If requirements change during the design, review the project to determine if the construction cost range or schedule are still valid. Reflect all changes in the project ** SOW and update the Government and site customer within 3 days of change discovery as to the scope change and the basis for the change. Increases in the construction cost range or schedule will require a revised ** SOW submitted to the Government and the site customer within 3 days of change discovery.</p> <p>d. Conduct bi-weekly meetings with the Engineering Technical Management Representative *TMR to present the status of the ** SOW's, designs, studies, construction cost ranges or estimates, as-building status, and construction in work. Meetings shall cover all engineering work performed on the contract.</p>	<p>Nothing additional</p> <p>26 meetings</p>	<p>** SOW changes are timely and accurate.</p> <p>Meetings are organized and punctual.</p> <p>No unapproved meeting cancellations.</p> <p>The Contractor makes formal presentations of project status.</p>
5.3	<p>Engineering Designs</p> <p>Provide final engineering design package.</p>	<p>Ensure an accurate final engineering design package that reflects ** SOW.</p> <p>a. Provide the final engineering design package necessary to make the correct facility modifications and new construction to meet the requirements determined in the project scope of work. The designs shall accommodate the modification, repair of existing, and construction of new facilities necessary to meet the customer requirements identified on the ** SOW. All designs shall meet the scope of work requirements and in accordance with ** NHB 7320.1B, Facilities Engineering Handbook. Ensure all applicable designs meet **NASA JSC Standards and Policies, 10 Code of Federal Regulations (CFR) 435 and 436, and subsequent mandated legislation.</p> <p>All engineering design construction drawings shall be formatted per the **Facility Type Drawing and Documentation Procedures Manual, JSCM 8823.2. Utilize Government furnished specification book as required to produce designs for Contractor use. ** Specification Book. Produce final cost estimate based upon the final design and format per Annex 6.</p>	300 designs	<p>Final design package produced on schedule, reflects ** SOW, and has no design deficiencies that impact cost or schedule.</p> <p>Design package provides accurate detail to validate construction.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>b. Produce copies of final design package for the Contractor construction personnel. Deliver one set of final design drawings and specifications to the site customer and two copies of final design package to the CO per the schedule on Table 5-1. **Design Package Examples.</p> <p>c. Record engineering review comments on ** NASA Review Comments Sheet, JSC Form 97 for all interim or final design review comments by the Government. For the comments which the Contractor agrees are correct, the Contractor shall incorporate them into the design package without further direction from the Government. Respond to all comments as directed by the Government within 5 days after design review for all projects with a construction value less than \$50,000 and within 5-10 days for all projects with a construction value greater than \$50,000.</p> <p>d. The COSS Contractor shall fix any construction or performance problems that may arise due to errors or omissions from designs performed by the COSS Contractor.</p> <p>e. Maintain and update Government furnished specification book as required to produce designs. Update the **Specification Book per changes to Government-furnished **Standard Policies and Procedures, Government-furnished SPECSINTACT Submasters (See **SPECSINTACT Submaster Index), or the Construction Criteria Base (CCB) NASA SPECSINTACT master text, whichever is the latest and most applicable</p>		<p>Construction cost estimate is accurate and reflects final design</p> <p>Specification book is accurate.</p>
5.3.1	<p>Field Design Fix</p> <p>Correct field problems due to differing site conditions</p>	<p>Perform requirements gathering, field investigation, and engineering analysis, as required, to correct problems found in the field during construction, resolve discrepancies, and ensure facility modifications or new construction meet the Government's requirements. Notify the Government of all construction changes before deviating from the drawings funded for construction. Perform field check and problem analysis, and submit solution to Government within 24 hours of problem discovery. If drawn engineering fix is required by the Government, provide for Government review within 48 hours of problem discovery. Notify the Government of all construction deviations made from the drawings funded for construction.</p>	20 field fixes	Field problems correctly identified and submitted on time.
5.4	<p>Submittal Shop Drawing Review</p> <p>Provide miscellaneous equipment and detail drawings to the Government.</p>	<p>Conduct miscellaneous shop drawing and submittal reviews during construction as required to ensure designed facility modifications meet the Government's requirements. Ensure shop drawings and submittals are reviewed by registered professional engineers. Allow 36 hours minimum for Government review. The Government shall have final review and approval of all comments and changes of the shop drawings and submittals made by the Contractor.</p>	15 reviews	Review of submittal drawings are accurate and timely.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
5.5	Master Facility Drawing Updates Ensure accurate master facility drawings.	<p>Provide accurate NASA master facility drawings to reflect field conditions.</p> <p>a. Accurately review, revise, create, and update all affected NASA master facility drawings to accurately reflect the field conditions upon completion of any facility modification or new construction work. Update drawings when a facility modification or new construction results in a change to Government property including, but not limited to: facilities, electrical and climate control systems, controls, plumbing, utilities, roads, and grounds. As-build the color coding of the electrical wiring servicing equipment and panels shown on the one-line diagrams and panel schedules. See **Electrical Panelboard Update. As-build to the level of detail presently found on the master facility drawings. Review and research all available sources including, but not limited to: redlines, shop drawings, submittals, existing master facility drawings, CAD or hard copies, and field checks to determine those affected by each facility modification. See **Master Facility Drawing examples.</p> <p>As-build all constructed projects within 90 days of construction field completion as determined by the Contractor.</p> <p>As-building of all construction projects with a construction value greater than \$200,000 or designs not performed by the COSS contractor will be addressed in Annex 13 or as directed by the Government.</p> <p>NOTE: Of the approximately 18,000 Government master facility drawings, about 10,000 are hardcopy only, about 5,000 are fully CAD (Intergraph – DGN format), and about 3,000 are scanned (TIF and CIT format).</p> <p>b. Once the master facility drawings have been updated, deliver final design drawings, redlines, any new master drawings, and the updated masters to the Engineering Drawing Control Center (EDCC) within 5 days of drawing completion or CO review approval. All updates shall be formatted per the ** Facility Type Drawing and Documentation Procedures Manual, JSCM 8823.2, and the **CAD Standards Manual for Facility Drawings, JSCM 8822.</p> <p>c. Provide a weekly report showing a project's ongoing <u>as-building</u> status and verification that completion met the schedule. The report shall cover all as-building work performed on the contract.</p>	2,500 drawings See Table 5-2	Accurate update of all master facility drawings and final delivery of drawings on schedule.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
5.6	Redline Verification Reviews Ensure redline documentation for construction projects.	For open, competitive bid construction projects by the Government with a value between \$50,000 and \$500,000, participate with the Government in three redline verification reviews to ensure the construction redlines are clear and complete as the project progresses. Record discrepancies and indicate where clarification is required to produce accurate redlines.	5 reviews	Accurately document problems with redline discrepancies and clarity.
5.7	Engineering Drafting Support Services	Support Services provide over and above the requirements for engineering designs (CLIN 5.3)	See Below	See Below
5.7.1	Standard Detail Drafting Ensure accurate update of standard CAD engineering drawings.	Accurately create or update the standard CAD engineering drawing details to match redlined information provided by the Government within 2 weeks of assignment. **Standard Details and per the **CAD Standards Manual, JSCM 8822.	25 drawings	Accurately update the standard details on time.
5.7.2	Miscellaneous Design Drafting Support Accurate drafting services for all design tasks.	Perform drafting services for tasks given by the Government. Accurately revise, including but not limited to: the **Standards for Identification Plaques Drawing , the appropriate master facility drawings, Master Utility Plan (MUP), Construction of Facilities (CoF) project drawings, etc., to match redlined information provided. Accurately update tasks within 3 to 14 days. NOTE: The exact schedule for each task shall be given when the task is assigned.	120 drawings	Accurately update drafting tasks on time.
5.7.3	CAD file format support for AE / other contracts Ensure Architect-Engineer CAD File Review	Provide review of CAD file format received by the Government from outside Architect-Engineer (A-E) firms. A sampling of CAD files will be reviewed for compatibility with the Contractor's CAD system. Provide written suggestions to assure the outside A-E creates the best files possible to be read by the Contractor's system when the project is asbuilt. Provide written suggestions, which assures best compatibility within 5 days of each request. NOTE: The majority of the CAD file formats presently received are Auto-Cad (dwg or dxf) format.	5 reviews	CAD file format review provided when requested. Suggestions provided within 5 days.
5.7.4	Ensure Electronic File Distribution of drawings	Provide and deliver electronic file copies of the latest standard details, FHP's, and CAD as-built drawings as designated by the Government. Provide the files in the most compatible format available for the receiver's CAD System to read and modify.	Distribute 1,100 files	Files delivered in the proper format.
5.8	Inspection, Permitting, and Documentation Services			
5.8.1	Cable Permits Issue cable permits.	Perform review of construction drawings created by other contractors. Ensure installation, rerouting, or removal of cables, conduits, etc., from buildings or the site's tunnel system meets JSC's facility criteria. Upon design review approval, issue a building or tunnel access permit within 1 day. Upon design review rejection provide a written explanation to the requester within 1 day. Accurately document all requests for permit and their disposition.	25 tunnel permits	Accurately review construction drawings and issue documentation on schedule.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
5.8.2	Inspect Cable Changes Ensure inspections for cable permits are issued.	<p>Perform three inspections per permit issued for each installation, modification, and removal of cables, conduits, etc., by other contractors. Notify the Government within one *workday when the other contractor does not perform the work as shown on the drawings for which a permit was issued.</p> <p>The first inspection shall take place when the initial permit is requested to ensure the route picked by the other installation contractor is reasonable and workable. The second inspection shall take place between 40 and 60 percent of installation completion, and the third inspection within 1 day of work completion per the installation schedule.</p> <p>For tunnel inspections, adhere to the JSC Tunnel Entry requirements. For building inspections, adhere to all codes and regulations necessary to enter the ceiling plenum where asbestos is present.</p>	35 permits	<p>Inspections are accurate and on time.</p> <p>Work violations inspected and reported to the Government.</p>
		<p>Establish and maintain a database which tracks, including but not limited to: all site cable, conduit, routing information, cable owner, etc., within 3 days of any cable work completion. **Tunnel Cable DataBase Record.</p>	25 records	Database is current and accurate.
5.8.3	Digging Permits Issue digging permits.	<p>Review construction drawings created by other contractors to ensure installation, rerouting, or removal of cables, and conduits of the site's underground/buried utility systems meets JSC's facility criteria. Ensure that all potential hazards and position conflicts resulting from such installation are identified visually in the field with paint or tape and conveyed verbally to the Government or construction project manager and to the team physically handling the installation. Review submitted construction drawings and respond to the Government within 7 days of receipt.</p>	50 digging permits	All requests for permits are documented accurately by the Contractor.
5.9.	Facility Housing Plans Provide accurate Facility Housing Plan (FHP) drawings.	<p>Update FHP drawings, facility drawings, the Computerized Maintenance Management System (CMMS) database, and the Electrical Equipment (EE) database to reflect current room numbers and location of walls and partitions within Government and Government-leased buildings. Provide the data linking necessary for communication between the FHP's and the Space Utilization Management System (SUMS) Database in Fox-Pro or equivalent system.</p> <p>Format each update according to the **FHP Drafting Standards, and all room numbers shall be legible when photocopied.</p>	See below	<p>FHP accurately represents the current architectural configuration of the area.</p> <p>FHP is accurately linked to SUMS or equivalent system.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>a. Field Check Updates - Perform field inspections of JSC onsite and offsite facilities per the **FHP Field Check Schedule to verify all FHP drawings are accurate and/or to verify space-type usage of rooms in the buildings. Update FHP's, facility drawings, the CMMS database, and the EE database, to reflect current configurations resulting from wall modifications and room number changes identified during inspections.</p> <p>Complete field check updates within 7 days of field inspection during which the error is found.</p> <p>Field check all onsite and offsite buildings at least once a year.</p> <p>Revised FHP drawings shall be provided on 8-1/2" x 11" and 17" x 22" plots.</p> <p>Plot drawings to the following scale:</p> <p>1/32" = 1'-0" for 8-1/2" x 11"</p> <p>1/16" = 1'-0" for 17" x 22."</p> <p>Maintain one original copy of each size plot for own use and provide one original copy of each size plot to the Government. The Government shall be notified of any incorrect or missing room numbers.</p> <p>Update the "Field Check Schedule" when buildings are added to or deleted from JSC. New buildings shall be field checked within 1 year of Government acquisition. Changes to the schedule, for reasons other than the addition or deletion of a building, are allowed only with the prior approval of the Government. Provide the Government a copy of the new schedule whenever the schedule is changed.</p> <p>Provide schedule changes to the Government within 7 days.</p>	525 drawings	<p>Field check all onsite and offsite buildings within schedule.</p> <p>Accurately update FHP drawings within schedule.</p>
		<p>b. Redline Updates - Update FHP drawings, facility drawings, the CMMS database, and the EE database, per redlined drawings provided by the Government from bid construction work or from organizational modifications submitted by site customers. Field verify that red-lines are accurate.</p> <p>Perform updates within 7 days of request by the Government.</p>	75 drawings	<p>Accurately update FHP drawings within schedule.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>c. Construction Updates - Create new or update existing FHP drawings affected by construction projects performed by this Contract.</p> <p>When notified that a design supports a furniture move, provide at the end of that design an updated FHP representing the future wall configuration. This "preliminary" FHP will be provided electronically to the Government for furniture layouts. A hard copy of the preliminary drawing will be provided to the Government for planning purposes.</p> <p>Accurate preliminary drawings are provided electronically within 1 day of the Government approving final design.</p> <p>Accurate hard copies of preliminary drawings are provided to the Government within 7 days of final design.</p> <p>Once construction is complete, field verify the actual wall configuration and update the "preliminary" FHP to reflect final configuration.</p> <p>Perform field verification within 7 days of construction completion. Provide final FHP to the Government within 7 days of field verification.</p>	80 drawings	<p>Accurately update FHP drawings to reflect final configuration within schedule.</p> <p>Provide accurate preliminary FHP drawings to the Government within schedule.</p> <p>Provide accurate final FHP drawings to the Government on time.</p>
		<p>d. Based on updates pertaining to (a) or (b) above, if changes to room number configurations are identified during field inspections or via red-line drawings, assign room numbers, as outlined in the JSC Master Plan, to reflect the new configurations. Based on updates pertaining to C above, if changes to room number configurations are necessary due to the construction of new facilities or modifications to existing facilities, assign room numbers as outlined in the JSC Master Plan, to AE Designs, In-house Designs, Project Managers, etc., to reflect the new configurations.</p> <p>Assign room numbers due to modifications in room configurations, as identified by field inspections, redlined drawings, or construction updates, within 7 days of error identification or as requested by the Government.</p> <p>Assign room numbers due to the addition of a new building at 60 percent design completion.</p> <p>NOTE: Customer requests for room number changes will be approved by the Government prior to assignment.</p>	150 room number assignments	<p>Room Numbers are accurately assigned within schedule and as outlined in the JSC Master Plan.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
2		<p>e. Distribute Updated FHP Drawings - Distribute updated FHP drawings to the Government and to an established **FHP Distribution List within 7 days of updates.</p> <p>Updated FHP drawings with wall modifications or room number changes will be distributed with a redlined FHP drawing showing the location of the changes.</p> <p>Maintain and update the distribution list currently in Microsoft Excel. Personnel, drawing type, and quantity distribution changes to this list will be provided by the Government.</p> <p>The Distribution List shall be kept current within 1 day of receipt of changes.</p> <p>Report changes within 7 days.</p>	100 requests	<p>Distribute updated FHP drawings to the Government and to an established **FHP Distribution List within schedule.</p> <p>Update **FHP Distribution List within schedule.</p> <p>Changes are reported within schedule.</p>
		<p>f. Distribute FHP Document - Assemble updated FHP drawings into the existing **FHP Document, produce multiple copies, and distribute to the Government and to an established **FHP Distribution List.</p> <p>The Government will review and approve the assembled document before reproduction and distribution. Changes to the distribution list require prior approval by the Government.</p> <p>Provide the **FHP Document to the Government and other site customers upon request.</p> <p>All FHP drawing updates completed prior to November 30 of each year shall be included in the document.</p> <p>The first 100 documents shall be initially distributed by January 15 of each year. Distribute the remaining 100 as requested.</p> <p>Copies shall be legible and shall be provided on 3-hole paper.</p> <p>Customer requests shall be met within 72 hours.</p> <p>Maintain one original copy and 25 stock copies for inspection by the Government.</p>	200 FHP documents	<p>Distribute **FHP Document to the Government and to an established **FHP Distribution List within schedule.</p> <p>Available for inspection by the Government.</p>
5.10	<p>Fire Evacuation Plans (FEP)</p> <p>Provide newly created or updated FEP.</p>	Create, update, and maintain **FEP drawings as requested by the Government.	See below	**FEP Drawings are accurately created, updated, and maintained.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
2		<p>a. Update **FEP drawings - Maintain and update **FEP drawings. Coordinate with Facility Managers to identify location and placement of key evacuation and safety features in all facilities located at JSC. Perform field inspections to verify locations of fire hose cabinets, pull stations, and fire extinguishers. Modify existing **FEP drawings based on the FHP's to include key evacuation symbols.</p> <p>Accurately update **FEP drawings within 14 days of request by Facility Manager. Fire Safety items shall be properly located on **FEP drawings. Where appropriate, FEP data shall be consistent with FHP data.</p> <p>Create and maintain a current list to document current **FEP drawing status.</p> <p>Plot the updated **FEP drawings to an appropriate scale to fit the existing 18" x 24" black wood frames located in the facilities. Provide Facility Managers with finished plot.</p>	35 drawings	<p>**FEP drawings are accurately updated within schedule.</p> <p>List is kept current and available for inspection by the Government.</p> <p>Full plots fit within existing frames.</p>
		<p>b. Create New FEP - Provide one original plot mounted in 18" x 24" black wood frame for new FEP installations. Mount the FEP to the wall of the facility. Coordinate location with Facility Manager.</p> <p>FEP shall be properly mounted on the wall of the facility within 14 days of request by the Facility Manager and shall not hinder surrounding areas.</p>	15 drawings	**FEP Drawings are properly mounted within schedule.
		<p>c. Distribute FEP – Distribute updated **FEP drawings to appropriate Facility Managers and to the Government within 7 days of FHP update.</p> <p>Maintain one copy and distribute one original 8½" X11" to the Government.</p>	75 drawings	Properly distribute **FEP drawings within schedule.
5.11	<p>Real Property Accounting</p> <p>Maintain Accountability Records</p> <p>Ensure changes to site's asset accounts are recorded in Real Property Accounting System (RPAS).</p>	<p>Process **Real property Vouchers to reflect additions and deletions to the site's asset accounts due to facility changes made onsite.</p> <p>Update and maintain the JSC RPAS or equivalent database and all hard copy historical files necessary to document all asset value changes. Provide programming and system support for the RPAS used in the Information Technology (IT) section of this contract. Support includes, but not limited to: questions, trouble shooting, and assistance in printing.</p> <p>NOTE: The RPAS database is in Dbase 3 Plus with a Clipper compiler.</p>	250 vouchers	Asset record values are reported accurately

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>Prepare all documentation to accurately capitalize expense costs associated with real estate including, but not be limited to: new construction, maintenance, repairs, additions, extensions, relocations, disposals, leases, permits, agreements, out-grants, and in-grants. Evaluate construction redline drawings, transfer documents, and periodic reports from the Government-furnished **Financial Management Report and the **Information Management Accounting Systems (IMAS), and other related documentation to assist in ascertaining the actual cost data and identification numbers required for real property accountability.</p> <p>Report asset record values in accordance with NASA **Financial Management Manual 9252; ** NASA Handbook NPG 8800.15, ** Real Estate Management Program Implementation Handbook; ** NPD 8800.14, ** Policy and Procedures for Real Property Management; and ** Data Base User's Guides. Provide final documentation for accounting transactions for Realty Officer Certification.</p> <p>Provide field inspection to verify all work related to facility improvement or disposal and equipment installation or removal shown on supporting documentation agrees with actual state of existence. Complete field inspections and recording to include any adjustments resulting from inspection and recordings to include any adjustments resulting from inspection within 30 days of receipt of construction and financial from the Engineering *TMR. See ** Completion Notification Documentation Package.</p> <p>Maintain and update the RPAS and any existing NASA Headquarters databases for real property such as, but not limited to: Annual Reports of Real Property Owned by the United States, Quarterly Inventory Detail Listing, Annual Inventory Reports, Annual Replacement Values using the JSC and NASA Real Property Data Base (RPDB) Systems, Annual Unneeded, Underutilized-Properties, Annual Facilities Summary, Annual Real Property Growth Quarterly Voucher Register, Quarterly General Ledger, Quarterly Card Control Register, Annual In-grant and Out-grant, Monthly Construction In-Progress, and Monthly Construction Work-In-Progress. **Real Property Reports.</p>		<p>Reports are on time, clear, and accurate.</p> <p>Nothing additional</p> <p>All field equipment has correct identification tags.</p>
5.11.1	<p>Account Reconciliation</p> <p>Ensure an accurate account of the quarterly and semi-annual in-house reconciliation.</p>	<p>Maintain account accuracy with quarterly in-house and semi-annual reconciliation with Financial Management for all real property under the jurisdiction of JSC at its Houston locations. This also includes facilities acquired by the JSC Exchange Council through non-appropriated funds. Complete backlog within 30 days from notification of financial completion.</p>	400 subsidiary accounts	Account accuracy maintained and backlog is completed on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
5.11.2	Real Property Inventory Perform a 3-year inventory and report of collateral equipment.	Perform a 3-year Facility Equipment Inventory cycle per the latest Government schedule to accurately indicate all existing equipment and prepare a report to indicate the current **Collateral Equipment Inventory . At the end of 3 years, the Contractor shall prepare and maintain a new 3-year, Facility Equipment Inventory cycle. The Engineering *TMR will approve this schedule prior to implementation. Schedule total inventory for monthly segments and completed within the 3-year cycle. **Real Property Inventory Schedule .	800 line items	Existing equipment accurately inventoried and tagged on time.
5.11.3	Inventory Tagging Ensure label and tag of all installed (collateral) equipment valued over \$5,000.	Label and tag all installed (collateral) equipment and maintain inventory control lists of all collateral equipment valued over \$5,000 within 30 days of installation. Current tagged inventory is given in CLIN 5.11.2. Remove, as part of the 3-year inventory cycle, any existing inventory tags on items valued at less than \$5,000. Update inventory lists and make available for inspection by the Government. Present for annual certification. NOTE: Field verification by the Government shall include matching of the equipment serial numbers, manufacturer identification, and location within the facility to the inventory listing.	110 items tagged	New equipment accurately tagged on time. Inventory <\$5,000 correctly detagged. Inventory lists are current and available for inspection by the Government.
5.11.4	Records Research Ensure complete Government forms for disposal of real property.	Perform technical researches in the RPAS and hardcopy historical files and prepare required Government forms for the disposal of real property, declarations of non-utilization of real property, land asset changes, NASA and General Accounting Office Inspections, Executive Order (EO) Surveys and other Agency, Center, and Directorate reviews. Conduct reviews in accordance with ** EO 12512, Federal Property Management Regulation (FPMR) 101-47.8 and other specific Government direction. Provide response of existing information within 1 day. Provide response of chart generation within 3 days and specified times for general report production.	75 researches	No violations during reviews. Accurately complete and on time. Accurate response of existing information retrieved on time. Accurate response of chart generation on time.
5.11.5	Real Property Accounting System Data Entry Ensure data entry to JSC's RPAS.	Maintain accurate data to JSC's RPAS including, but not limited to: posting, editing, creating accounts, and generating the reports specified above. Operating Instructions are published for operation of the menu-driven database. Create operational procedures as systems are developed and maintained by the Contractor for all real property records maintenance. The ** RPAS Sample Sheets represent the data screens the Contractor completes per voucher. **RPAS User's Guide .	250 voucher entries	Data maintained in RPAS is accurate.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>Enter data by close of business of the last workday of each month. Error checks shall be correct, and records shall balance in accordance with established RPAS methods.</p> <p>Maintain records consistent with quarterly, semi-annual, and annual Financial Management primary accounts. Document operational procedure changes made by the Contractor within 2 weeks.</p> <p>Maintain the NASA Headquarters Real Property Database (RPDB) and prepare information used for data entry to generate the site's current replacement value. Operating instructions are provided by NASA Headquarters for data maintenance and reporting functions. Convert entries in database by the Contractor from the Center RPAS. **RPDB User's Guide.</p>		Records are accurate and changes are made on time.
5.11.6	<p>Update Real Estate Drawings and Facility Master Plans</p> <p>Ensure updates to real estate drawings.</p>	Maintain and update the JSC/EF/SCTF real estate drawings and facility master plans upon receipt of supporting documentation. Accurate updates shall be completed within 30 days of receipt of supporting documents.	4 updates	Updates are accurate and completed on time.
5.12	<p>SPECSINTACT System Maintenance</p> <p>Ensure NASA's SPECINSTAT Software System is updated and maintained.</p>	<p>Maintain and update the NASA's SPECSINTACT Software System to produce project specifications for Government bid projects. Update the JSC Submasters twice a year and master text quarterly per the latest SPECSINTACT texts updates and format changes from the Government. Update the software twice a year per the latest SPECSINTACT software updates. Assist the Government with questions concerning, but not limited to: SPECSINTACT, historical projects, or system. The Government will be given 5 days to review and approve the Submaster changes before they are made available for project design use.</p> <p>Update within 30 days of receiving the latest SPECSINTACT software or text updates when received by the Government. Maintain two copies and original of the latest master text and Submasters on the shelf for use by the Government. **SPECSINTACT Submaster Index. Maintain back version releases of software, User guides, etc., for projects starting in that version for future reference by the Government.</p>	<p>4 updates of master text</p> <p>2 updates of submasters</p>	Text updates are accurate and available on time.
5.12.1	<p>SWT Meeting Support</p> <p>Participate in monthly SWT meetings.</p>	Coordinate and participate in monthly SWT meetings, which include, but are not limited to, addressing solving problems with the specification text and processing system. Recommend improvements, offer advice, and act as a resource to substantiate the validity of suggestions made by the team.	12 meetings	All SWT meetings are supported.
5.12.2	<p>Process SPECSINTACT Text Changes</p> <p>Ensure text changes are incorporated.</p>	Incorporate text changes recommended by the SWT, complete **Specification Change Request Form 1620 , obtain the proper Government signatures, and mail it to the Kennedy Space Center (KSC) within 2 weeks of Government requests.	30 changes	Text changes are accurately incorporated and processed on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
5.12.3	Specification Production Ensure project specifications are created and updated.	<p>For construction projects between \$200,000 and \$500,000, create and edit project specifications using CCB NASA SPECSINTACT software and text. Each new or edited project specification shall be based upon Government-furnished marked-up specifications at various stages of design. Complete each new or edited specification along with the Project Report capability contained in the SPECSINTACT System within 5 days.</p> <p>Evaluate the Government-furnished marked-up specifications and proofread before editing begins to ensure a full understanding of what and how the specification is to be edited. The edited specification shall be reviewed for elements including, but not limited to: spelling, sentence structure, punctuation, clarity, unresolved references, submittals or sections and accuracy.</p> <p>Retain each SPECSINTACT master text version a minimum of 3 years and be able to complete a specification package started 3 years before.</p>	30 edits	<p>The new or edited specification is accurate on time.</p> <p>The edited product is accurate and on time.</p> <p>Accurately maintain the ability to process 3 years old specifications.</p>
5.13	Personnel Requirements			
5.13.1	Design Discipline Supervisors or Leads Ensure Professional Engineer registration.	Maintain professional engineer registration in the State of Texas, with minimum of 5 years of experience working in their discipline. Supervisor/Leads shall have the ability to seal and sign the final design product of the discipline personnel under their supervision. Provide at least one each Electrical, Mechanical, and Civil (Structural) registered professional engineer to seal the drawings for their engineering discipline.	Contractor determined	All design supervisors or leads have evidence of professional engineer registration in the State of Texas on file.
5.13.2	Design Engineers Ensure design engineers have degree/experience in their technical discipline.	Maintain evidence of engineering degree or designer with 3 years minimum experience in their technical discipline on file for Government review.	Contractor determined	All design engineers have evidence of degree or experience on file.
5.13.3	As-Building Drafting Personnel Ensure as-build drafting personnel experience.	<p>Maintain evidence of drafting personnel with minimum of an Associate Engineering Technology Degree or experience equivalent. Ensure drafting support personnel has general knowledge of MicroStation Intergraph 5.0 or higher software and latest version of Auto Cad or manual drafting expertise, personal computer operations, construction practices, the ability to accurately read construction drawings, and recognize building components including, but not limited to: architectural, mechanical, electrical, and structural disciplines.</p> <p>Ensure personnel have effective oral and written communication skills for interfacing with site customers.</p>	<p>Contractor determined</p> <p>Contractor determined</p>	All drafting personnel have evidence of experience or degree on file.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
5.13.4	<p>Real Property Accountability Personnel</p> <p>Ensure support personnel experience in Government real estate.</p>	<p>Provide support personnel with 3-years specialized experience in Government real estate transactions and real property practices, terms and accounting practices; knowledge of facility-type equipment and components for identification purposes; and a willingness to expand expertise in these areas. Support personnel shall also be able to read construction drawings and have general knowledge of construction practices, computer operation, and standard software packages including, but not limited to: Microsoft Word, Mail, Excel, PowerPoint, and TruForm. Effective oral and written communication skills for interfacing with customers are necessary.</p>	Contractor determined	<p>All Real Property Accountability Personnel have evidence of experience on file.</p>

Table 5-1. Design Workload Per Year

Construction Cost Range	Number Of Designs	Final Design Package Completion Schedule
\$0 - \$2,500	70	28 days
\$2,501 - \$10,000	120	35 days
\$10,001 - \$25,000	70	50 days
\$25,001 - \$50,000	20	70 days
\$50,001 - \$100,000	10	85 days
\$100,001 - \$200,000	10	100 days

NOTE: The above schedule begins when the WAD is received by the COSS Contractor per CLIN 5.2

Table 5-2. Facility Master Drawings To Be Updated Per Year

Manual drawings to be updated	1,000
CAD drawings to be updated	900
Raster Masters drawings to be updated	250
Mission Critical drawings to be updated	300
Security drawings to be updated	50
Total Number of Facility Master Drawings to be Updated per year	2,500

**ANNEX 6
NON-ROUTINE FIXED PRICE IDIQ
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Deleted: JSC Non-Means Pre-priced Items

**ANNEX 6
NON-ROUTINE FIXED PRICE IDIQ**

6.1 FIXED PRICE INDEFINITE QUANTITY

6.1.1 General Information

This Annex defines the non-routine, firm-fixed price, Indefinite Delivery / Indefinite Quantity (IDIQ) portion of this Contract. The services to be provided include the management, planning, accomplishment, and Quality Control (QC) of a broad variety of IQ Delivery Orders (DO). (See the "BOSS RFP List 1997" file within the ****Work Order History** document in the Technical Reference Library (TRL). These services shall be furnished on an as needed basis, in response to IQ DO's, which are issued and authorized by the Contracting Officer (CO) per Section F.

6.1.2 Services Acquired Under IQ Provisions

The Government may acquire services under this Annex when:

- a. Additional quantities of any service described in Annexes 7 and 14 are needed after the Contractor has furnished the maximum amount required in the referenced annexes;
- b. Purchasing services specifically described in this Annex;
- c. Procuring unspecified services that fall within the broad scope of the entire Center Operations Support Services (COSS) contract.

If the Government requires services in category "a." above, furnish them in accordance with (i) the performance requirements called out in Annexes 7 and 14 that are applicable to the ordered service, and (ii) any additional or changed requirements negotiated into the DO issued by the Government to obtain the service. If the Government requires services in categories "b." or "c." above, the requirements shall be included in the DO issued by the Government.

6.1.3 IQ DO Ordering and Proposals

When IQ work is required, the CO will issue an IQ DO for pre-priced work, or will issue a Request for Proposal (RFP) for non-pre-priced work. An RFP will contain, at a minimum, a scope of work and schedule for the required services. For non-pre-priced work, an IQ DO will be issued upon the acceptance of the Contractor's proposal in response to the RFP, or after the conclusion of negotiations, if negotiations were necessary.

- a. Upon receipt of each RFP from the CO, the Contractor shall prepare and submit a DO proposal to the Government. The Contractor's proposal shall consist of a detailed cost-estimate, project schedule, and other information details or plans required by the DO description of the work, and the necessary documentation to indicate that adequate engineering and planning to accomplish the work have been done. This documentation includes a sketch or written document describing the work that the estimate was based upon. Preparation of proposals by the Contractor shall not constitute an obligation by the Government

to issue a DO for performance, nor is the RFP to be construed as the Contractor's authority to commence work.

Subcontractor proposals shall be part of the proposal package submitted to the Government. The Contractor shall provide a minimum of 3 subcontractor bids, or the documents required to demonstrate price reasonableness in accordance with its approved purchasing system.

If required by the Government, prior to proposal submission, the Contractor shall respond to the needs of the Government by visiting the proposed work site in the company of the Indefinite Quantity (IDIQ) Technical Management Representative (***TMR**) to further define the scope of work. Upon establishment of the scope of the work, the Contractor shall prepare a proposal to accomplish the task.

- b. Transmit proposals electronically, by means of computer disk or local area network, when so directed by the Government. The software used to prepare such proposal submissions shall be Microsoft Windows compatible. Submit a minimum of three hard copies of all proposals.

- c. Detailed proposals shall be submitted within the period specified by the "classifications" stated on each RFP. Due dates for proposals are based on the urgency of the Government's need for the required services and will be stated as one of the following "classifications:"

Class I: A complete proposal is required within 5 calendar days of receipt of an RFP.

Class II: A complete proposal is required within 14 calendar days of receipt of an RFP.

Class III: A complete proposal is required within 20 calendar days of receipt of an RFP.

- d. If the Contractor cannot meet the requested schedule, notify the Government within 2 days of RFP receipt and explain the reason(s) why. Propose an alternate schedule, subject to approval by the Government.

6.1.4 Cost-Estimates

Use the Means Electronic Cost DataBases and computerized estimating software to prepare all cost-estimates for IQ proposals. Provide copies, documentation, and support of this automated estimating system software to the Government per CLIN 8.9.6.

6.1.4.1 Means Cost and Non Pre-Priced Work Coefficients

- (a) Coefficient factors shall include the price elements specified below. Accordingly, the following shall not be separately priced in submitted proposals: bin materials described per CLIN 6.1.4.7.; compliance with environmental, health and safety laws; permits, licenses and fees; protection and moving of Government property; administrative support; submittals; proposal preparation;

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price quotations; clean up; all waste and excess materials; signs, barriers, and barricades; project management and supervision; clerical; quality control; office management and equipment; labor, and payroll; depreciation of equipment, tools, office equipment; employee payroll taxes, insurance; overtime premium, shift differential; fluctuations of IDIQ work within the ranges permitted in this contract; risk of poor subcontractor performance and reperformance; other risks of doing business; memberships; profit; and corporate headquarters expenses of any type. In addition, the following conditions shall not be separately priced in submitted proposals:

1. Work in phases.
2. Work in areas restricted by security.
3. Work in occupied areas.
4. Working through/above ceiling grids. (Excluding above ceiling asbestos cleaning or abatement work)
5. Work in congested space.
6. Allowances for utility and equipment outages, including lockout / tagout and circuit verification in the field.
7. Work in critical areas.

(b) The following items listed in the Means Unit Price sections shall also be included in the coefficients, if required, and shall not be separately priced in submitted proposals:

Section	Title
01100	Summary
01200	Price & Payment Procedures
01300	Administrative Requirements
01510	Temporary Utilities
01520	Construction Facilities
01530	Temporary Construction
01540	Construction Aids
01550	Vehicular Access and Parking
01560	Barriers & Enclosures
01580	Project Sign
01740	Clean up

(c) In addition to the above listed Means Unit Price items, the following Non-Means items shall be included in the Contractor's coefficients and shall not be separately priced in submitted proposals:

1. All equipment and labor costs for work up to 15 feet above finished floors. (e.g. Ladders, rolling scaffolds, etc.)
2. Dumpster and loading charges for delivery orders with a total price of less than \$25,000.
3. Equipment costs for traffic cones, caution tape, safety tape.
4. Equipment and labor costs for regular vacuums, HEPA vacuums and other cleanup work.
5. Equipment costs for small, commonly used tools.

6.1.4.2 Subcontracted Work Coefficient

This coefficient factor shall include all Contractor costs associated with the administration of the subcontract including, but not limited to:

1. Administrative and clerical support to solicit a subcontractor proposal and to prepare a proposal for the Government;
2. Subcontractor procurement; training the subcontractor for work on-site, management and supervision of the subcontractor;
3. Inspection, quality control, and any work associated with acquiring and ensuring poorly performed and warranty work is correctly completed.

6.1.4.3 Materials and Equipment Rental (MER) Coefficient

This coefficient factor shall include all costs related to securing materials and equipment leases to complete tasks directed on IDIQ Delivery Orders, including rollover maintenance Delivery Orders. No other coefficient shall be applied to these items. The MER Coefficient shall include all costs related to administrative support; procurement support including proposal preparation, solicitation of proposals, evaluation of proposals, placement of orders, tracking and expediting of purchase orders; receiving, handling, and storage of materials; and lease acquisition. Routine bin materials shall not be included in this coefficient.

6.1.4.4 Cost-Estimates for Unit Price Book (UPB) Work

a. The basis for the Contractor's cost-estimate shall be the prices published by the R.S. Means Company, Inc., herein after referred to as Means. Means Publications are available from the following source: R.S. Means Company, Inc., 100 Construction Plaza, P.O. Box 800, Kingston, MA 02364-0800, Telephone: 1-800-448-8182. Estimates and proposals shall be based on the edition of the R.S. Means Cost Data Publications current at the time of contract award and the respective quarterly updates. The Means Facilities Construction Cost Data, and the Means Facilities Maintenance and Repair Cost Data Publications shall be used for construction and maintenance and repair respectively. The Means Cost Data shall be used to determine the required trades, labor hours, materials (type, quantity, and base price), and the equipment type usage and price necessary to submit a detailed cost proposal to the Government. The Government will only be obligated to pay the lowest price derived from the various pricing methodologies described in this Annex.

b. The Means ***bare costs** for material, labor, and equipment, shall be adjusted by each CSI division per the City Cost Index (as published in the Reference Section of Means) for Houston, Texas, and the appropriate Contractor coefficient factor (see Section B). The resulting value shall be the fixed price value of the DO issued to the Contractor. Pricing methods and procedures in the Reference Section of the Means book shall be applied to applicable unit prices in the Unit Price Section.

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c. The "remove and relocate" cost of an existing item shall be 115 percent of the Means bare labor cost of installation for a new item of the same type. The demolition cost of an existing item shall be 40 percent of the Means bare labor cost of installation for a new item of the same type.

d. The Contractor shall apply the MER coefficient to materials regardless of whether it is installed during core or non-core hours.

6.1.4.5 Cost-Estimates for Non-Pre-priced Labor Rate Work

a. Non-pre-priced work shall be priced per the following procedures:

Labor: Shall be priced per labor rates.

Prepare the estimate with a detailed line-item-by-line-item breakdown of each type craft hour required to accomplish the necessary work. The Contractor's fixed ***bare labor rates** shall be used first to calculate the Contractor's total labor cost. If one does not exist in Section B, the Contractor shall propose a reasonable ***bare labor rate**. The Non Pre-Priced Coefficient factor in Section B shall then be applied to the total bare labor costs.

b. Material & Equipment Rental:

In each proposal, submit line-item detail of the types and quantities of materials or equipment required to complete the proposed task. The number of units and each unit's cost shall be provided for each piece of equipment or material. If the proposed cost for any individual item of material or equipment exceeds \$5,000, provide competitive vendor quotes to support the proposed cost of that line item, unless otherwise directed by the Government. For all proposed lease equipment, provide the name and number of leasing company with the proposals. Furthermore, use competition to the maximum extent practicable in the acquisition of material or equipment regardless of its estimated value. The MER Coefficient factor in Section B shall then be applied to the total cost of the materials and equipment. For materials and equipment in a subcontractor's bid, the MER shall be applied to the subcontractor's quoted price.

6.1.4.6 Subcontracted Services

For proposals based in part or solely upon subcontractor quote(s), show the costs divided into two categories, Materials and Other. MER coefficient shall be applied to the materials in the proposal and the Subcontractor coefficient shall be applied to the non-materials in the proposal. For subcontractor quote(s) that are not divided into the two required categories, the COSS Contractor shall apply the MER coefficient to the entire subcontractor quote(s).

6.1.4.7 Bin Materials

Bin materials and supplies shall not be separately priced in the submitted proposals. Bin materials and supplies are the minor materials and supplies that are incidental to the job. Examples of bin materials and supplies include, but are not limited to; solder, Lead (Pb), flux, electrical connectors, electrical tape, fuses,

nails, screws, bolts, nuts, washers, spacers, masking tape, sand paper, solvent, cleaners, lubricants, grease, oil, rags, mops, glue, epoxy, spackling compound, joint tape, plumbers tape and compound, clips, welding rods, heat sinks, touch up paint, plumbing and refrigeration fittings.

6.1.5 Pricing Information

When preparing a proposal, the following pricing hierarchy shall be used:

(1) Price using Pre-priced Tasks – First, the Contractor shall include the appropriate services or products that were pre-priced under this contract. When ordering only pre-priced services or products, the CO will issue a completed DO specifying the number of units, expected delivery date (as stated in each applicable line item), and the scope of work. Discussions (negotiations) will not be required. Pre-priced work is not subject to the application of the Contractor coefficient factors.

(2) Price using Unit Price Book (UPB) – Second, the Contractor shall include the appropriate services or products that can be priced per the appropriate R.S. Means Cost Data Publication. The cost estimate for this work shall be as described in CLIN 6.1.4.4. The proposal prices shall be based on the edition in effect when the Delivery Order is issued to the Contractor. UPB work is subject to application of the appropriate Means and MER Coefficient Factors.

(3) Price using Non-Pre-priced Tasks and Labor Rates - Third, the Contractor shall include the appropriate services or products that are not pre-priced or covered by any UPB. The cost estimate for this work shall be as described in CLIN 6.1.4.5.

(4) Price using Subcontract Prices – Items not priced according to the first three categories shall be priced in accordance with CLIN 6.1.4.6. Notwithstanding the Contractor's right to subcontract delivery order work, the contractor agrees to use pre-established prices contained in Section B, B.8 to the extent any delivery order proposal can be developed, in total or in part, using one or more pre-established Section B prices. Similarly, all delivery order proposal estimates developed using labor hours shall be based upon the pre-established bare labor rates contained in Section B, B.10 regardless of whether the labor is to be provided by the prime or a subcontractor. The Contractor shall prepare all proposal estimates using the hierarchy above whether or not it plans to subcontract the work. In addition, prior to awarding a delivery order, the Government may occasionally request the Contractor to develop a proposal based upon competitive subcontractor quotes or bids that had previously been estimated in accordance with the hierarchy above.

For any particular DO RFP, application of all pricing methods may be necessary to complete the required pricing. Clearly identify by hierarchy within each proposal, and clearly indicate the application of City of Houston cost index and, if applicable, the various names and type of coefficient factors applied. Table 6-1, Coefficient Use clarifies when each coefficient shall be applied.

Deleted: (4) Price using Subcontract Prices – Items not priced according to the first three categories shall be priced in accordance with CLIN 6.1.4.6. Although the Contractor may subcontract RFP work at any time, the Government will only be obligated to pay the lowest price derived by the four pricing methods. (e.g. If the Contractor subcontracts a pre-priced item, the Government will pay the lower price of either the subcontract value or the pre-priced value.)

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The Government may negotiate the Contractor's estimates. In the event the parties are unable to agree on the price of a proposal, or on any other matter concerning the proposal, the CO will unilaterally determine the price or the matter at issue. Any such determinations will be subject to the "Dispute" clause of this contract.

The Government may furnish any materials associated with work in an RFP. When furnished, the Contractor shall not include any cost for such materials in its proposal. The Contractor shall also not apply a coefficient factor to any Government-furnished materials.

6.1.6 Inspection and Acceptance of DO's

Unless otherwise specified, the Government may accept, as promptly as practicable after completion and inspection, all work required by a DO or that portion of the work the CO determines can be accepted separately.

6.1.6.1 Daily Inspections

a. Notify the IDIQ *TMR at least 2 business days prior to any test or concrete placement. Inspection shall be made after notification that all items have been installed for the test or concrete placement. Should the inspection reveal that corrective measures are required or that the work is not complete, an additional 1 day shall be allowed for the Government to complete its inspection after all work has been corrected.

b. Notify the IDIQ *TMR at least 1 business day in advance of backfilling or encasing so that final location and elevations can be recorded by Government survey. Failure to provide such notification may require reopening of a trench to obtain survey data and further backfilling, all at the Contractor's expense.

6.1.6.2 Inspection Notification

Notify the CO in writing upon completion of each individual DO. Provide 1 day advance notice of the date the work will be fully completed and ready for final inspection. If the Government requires a means of access to perform a complete inspection before work is covered up, the Contractor shall provide such access. (e.g. Scaffold, manlift, ladder, etc.). The Government has the responsibility to respond within a reasonable time to inspect and accept the work.

6.1.6.3 Acceptance

The IDIQ *TMR will perform acceptance. The CO may designate a different Government Agent as the authorized representative. The Contractor shall be notified by a written notice or by a copy of the delegation of authority if a different representative is designated. The acceptance of IDIQ work will be based on whether the completed work satisfies the design SOW, final design package, and performs to meet the customer's requirements. Maintenance activation, when applicable to a DO, shall be completed before the Government will make final acceptance.

6.1.7 Definitions

Compliance - To act in accordance with applicable laws or industry or Government guidance.

Clean up - Maintaining any work area during and upon completion of work. It is inclusive of removal of unwanted debris and things such as the removal of dirt from the roads, sidewalks and parking lots at *JSC. It also includes the replacement of any damaged property or plant life disturbed during any type of work.

Signs - Written and displayed communications required by law, regulation, or otherwise mandated by NASA to inform personnel at *JSC of work related or safety information.

Fluctuation of IDIQ - The variation in quantity of IDIQ work permitted under this contract in accordance with the clause in Section B, B.3.

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Coefficient Use

Table 6-1

Type of Work	Means Coefficient	Non Pre-priced Coefficient	Materials and Equipment Rental Coefficient	Subcontracted Work Coefficient	None
Pre-priced work					X
All Government Furnished Materials					X
Means Labor	X				
Total Bare Labor Costs (Per Schedule B or as proposed rates)		X			
Non Pre-priced Labor		X			
Subcontractor Labor				X	
Means Materials			X		
Non Pre-priced Materials			X		
Subcontractor Materials			X		
All Equipment Leases			X		

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6.2 SERVICE ORDERS

6.2.1 General Information

6.2.1.1 Annex Description

This portion of this Annex identifies the use of Service Orders (SO) within this contract. A SO is a unit of Directed Services work that may be ordered by the Government to perform a discretionary task. SO's are essentially "pre-priced Delivery Orders" awaiting a Government scope of work description and task completion schedule. SO's will be used by the Government to quickly perform "small scope" jobs, while eliminating the administrative burden and length of time associated with issuing a Delivery Order per Annex 6 or 13.

6.2.1.2 Service Order Issuance

The Government will exclusively decide what work may be ordered by SO's. Work ordered may include, but not be limited to, maintenance, rigging, transportation, engineering services, janitorial, construction, repair, or any work within the general scope of the contract. The scope of work, dollar value level, and schedule priority will be set by the Government and provided to the Contractor when the SO is issued. If a SO is used for work that has a pre-priced value, that value will be used to determine the appropriate SO level. If a SO is used for work not covered by a pre-priced value, the "bare cost" of the ordered work will be used to determine the appropriate SO level.

SO work shall not be charged to workload under other CLIN's or Delivery Orders by the Contractor. If the Contracting Officer (CO) determines that work provided by a SO should have been delivered under other terms of the contract, the SO shall be credited back to the SO workload.

At the Government's sole discretion, SO's can be used to pay for all or any portion of Government requested work. (Example: A SO might be used to pay for a minor change order to a Delivery Order.) SO's can be also used to pay for small scope jobs in a number of annexes to support one large requirement. (Example: To support an on-site activity, individual SO's may be issued to run additional power, prepare the grounds (normally ordered under Annex 7), and pay for the custodial clean-up (normally ordered under Annex 14)).

6.2.1.3 Service Order Receipt

For the purposes of meeting the task completion schedule, a SO shall be considered officially in work when the Contractor receives a written or electronic copy of the SO document from the Government.

6.2.1.4 Rollover Service Orders

Prior to beginning work, should the Contractor receive a SO where the "bare costs" of the work exceeds the designated level, notify the SO Requester and furnish a cost estimate. For emergency SO's, the cost estimate shall be provided verbally within 1 hour of the Contractor's knowledge, and with enough detail for the Government to understand the cost. For urgent and routine SO's, the cost estimate shall be furnished per CLIN 6.1 within 3 "workdays". At this point, the Government may "roll over" the SO to a higher level (e.g., Level II to Level III), issue a delivery order if the "bare costs" exceed the highest SO level, reduce the work scope, or some other administrative action. If either of the first two cases are chosen, the SO originally issued will be credited back to the SO workload.

6.2.1.5 Differing Site Conditions

If work has begun on a SO, the Contractor shall be responsible for its completion unless differing site conditions are encountered to cause the work price to exceed the issued SO dollar level. When this occurs, the Contractor shall notify the SO Requester and furnish a cost estimate. For emergency SO's, the cost estimate shall be provided verbally within 1 hour of the Contractor's knowledge, and with enough detail for the Government to understand the cost. For urgent and routine SO's, the cost estimate shall be furnished per CLIN 6.1 within 1 "workday". At this point, the Government may "roll over" the SO to a higher level (e.g., Level II to Level III), issue a Delivery Order if the "bare costs" exceed the highest SO level, reduce the work scope, or some other contract action. If either of the first two cases are chosen, the SO originally issued will be credited back to the SO workload. NOTE: The Government will generally respond within 24 hours of notification of differing site conditions. Government contact information will be provided for non-core anomalies.

6.2.1.6 Schedule Delays

If for any reason the task completion schedule cannot be met, the SO Requester shall be notified by Email within 2 hours of the Contractor's knowledge. The notification shall include a clear reason for the delay, impacts of the delay to both customer and Contractor, and a proposed completion date and time. The SO priority category shall remain in effect with the revised completion deadline. Work performed by SO's shall not affect any other contract work schedules.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
6.2.2	Perform Service Orders Accomplish and track all Service Orders.	<p>Perform work on all Service Orders scheduled by the COTR. Service Orders include all phases of work for completion such as, but not limited to: engineering, transportation, and lifting. Upon completion of the work, the Contractor shall notify the SO Requester via Email of the completion status within 2 *workdays.</p> <p>a. Workload quantity is reflected in the number of requests or individual jobs. Size, scope, and mix of trades will vary significantly. Six levels established are:</p> <p>Level I Service Orders are for services up to \$250 *bare cost.</p> <p>Level II Service Orders are for services from \$251 to \$500 *bare cost.</p> <p>Level III Services Orders are for services from \$501 to \$1,000 *bare cost.</p> <p>Level IV Service Orders are for services from \$1,001 to \$2,000 *bare cost.</p> <p>Level V Service Orders are for services from \$2,001 to \$3,500 *bare cost.</p> <p>Level VI Services Orders are for services from \$3,501 to \$5,000 *bare cost.</p> <p>b. The Government will assign one of four priority designations when submitting Service Orders. They are as follows:</p> <p>Emergency - this priority Service Order requires a 15 minute response time and immediate mitigation (response times for Ellington Field (EF) and Sonny Carter Training Facility (SCTF) are 30 minutes)</p> <p>Urgent - complete within 10 days</p> <p>Routine - complete within 30 days</p> <p>Government Specified - complete by the date and time specified by the SO Requester.</p> <p>c. The Contractor shall only accept work from the COTR.</p> <p>NOTE: A copy of four years of Service Order workload history and a sample SO form are located in **Service Order History in the Technical Reference Library (TRL).</p>	<p>See Below</p> <p>200 Level I requests</p> <p>200 Level II requests</p> <p>75 Level III requests</p> <p>75 Level IV requests</p> <p>25 Level V requests</p> <p>25 Level VI requests</p> <p>Nothing additional.</p> <p>Nothing additional.</p>	<p>Work was accomplished per requested scope and on time.</p> <p>Work was accomplished per requested scope and on time.</p> <p>Contractor only accepts work from COTR.</p>

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6.3 CONSTRUCTION

6.3.1 General Information

6.3.1.1 Annex Description

This portion of this Annex identifies the Construction Support Services within this contract. The Contractor shall, upon receipt of an indefinite quantity (IQ) delivery order (DO), furnish Construction Support Services. The work required extends beyond a conventional, single construction effort, in that it involves the planning, scheduling, coordinating, accomplishing, and procuring of material for a fluctuating load of unrelated construction tasks.

6.3.1.2 Reserved

6.3.1.3 Deliveries or Performance

Delivery Schedule: The time for completion of the work required by each DO may be stated therein or shall be completed in accordance with the following schedule:

<u>Amount of DO</u>	<u>Schedule</u>
Under \$5,000	20 Calendar Days
\$5,001 - \$25,000	30 Calendar Days
Over \$25,001	Negotiated on an individual basis

NOTE: On a case-by-case bases, the Government may negotiate the schedules above if typical material delivery times do not support DO completion.

For any DO for construction work exceeding \$25,000, the Contractor shall obtain performance bonds for the appropriate payments selected by the CO as prescribed in FAR 28.102-2. For this purpose, and for purpose of the "Additional Bond Security" clause FAR 52.228-2, the terms "original contract price" and "contract price" in the referenced FAR paragraphs shall be deemed to refer to the price of the DO. The Contractor may include in the pricing proposals in response to DOs for construction work exceeding \$25,000, the price of performance and payment bonds as a separate expense. Such expense shall be additive to the total price of the work and shall not be subject to the application of any coefficient factor.

6.3.1.4 Warranties

Warranty enforcement shall remain with the Contractor and shall be documented within the electronic database. Comply with CLIN 2.5.

6.3.1.5 Records, Reports and Submittals

The Contractor shall maintain, and update records, databases, schedules, and documentation as defined in CLIN 1.2 Work Management and Control as listed in the TRL ****Index of IQ Construction Support Service Data Requirements.**

6.3.1.6 Operator and Linemen Support of Construction Activities

All operator support required to accomplish the construction ordered through this annex shall be covered in CLIN 4.1.4. CLIN 4.1.4 also covers lineman support for construction projects up to \$300K. For construction projects above \$300K, lineman support shall be separately priced in each proposal.

6.3.1.7 Contractor Construction Liability

All construction rework caused by construction errors shall be corrected at no expense to the Government. For projects both designed and constructed by the COSS Contractor, all construction rework caused by design errors shall also be corrected at no expense to the Government.

6.3.1.8 Restrictions, Limitations, and Special Conditions

All personnel performing construction work within any ***JSC** facility shall sign in and out on the Facility Managers building work log. Sign in/out is required for occupancy/evacuation purposes and shall be done for each separate activity even if performed on the same workday.

Deleted: JSC Non-Means Pre-priced Items Additional JSC non-Means, pre-priced items and standard assemblies, are included in Section J, Attachment M. The costs of these items are *** bare costs**, adjusted for the local area. No further city adjustment factor shall be used. When used in a construction project, these items shall be totaled with the Means items and the Contractor's Coefficient Factor shall be applied to the total.¶

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ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
6.3.2	Construction Delivery Orders			
6.3.2.1	Construction, alteration, and modification work.	Provide a wide variety of construction, alteration, and modification work. This includes all work as directed by the CO.	Per DO	Construction correctly completed on schedule.
	Perform construction, alteration, and modification work.	Pricing note: This CLIN will be priced per CLIN 6.1.		
6.3.2.2	Miscellaneous Construction Services	Perform pre-priced construction services listed below. These services may be ordered individually by the CO, or per 6.1.5 (1) as part of larger DO which requires these services.	Per DO	Correctly perform the services ordered on time.
	Perform miscellaneous services			
		a. Cap floor receptacle	Each	
		b. Activate floor receptacle	Each	
		c. Install new floor receptacle	Each	
		d. Install new floor receptacle on asbestos vinyl tile	Each	
		e. Provide and hang whiteboards (3'x4')	Each	
		f. Provide and hang whiteboards (4'x6')	Each	
		g. Hang Government furnished pictures	Each	
		h. Construct Gyp Board walls (8'-6")	Linear Foot	
		i. Construct Gyp Board walls (10'-0")	Linear Foot	
		j. Paint Gyp Board walls and ceiling	Square Foot	
		k. Paint existing wood door	Square Foot	
		l. Install new vinyl tile	Square Foot	
		m. Remove / replace aggregate concrete sidewalk	Square Foot	
		n. Remove / replace broom-finish concrete sidewalk	Square Foot	
		o. Hang fire extinguisher	Each	
		p. Provide and install Cypher Lock	Each	
		See **Miscellaneous Construction Services Data		
		Pricing note: This CLIN will be priced in Section B.		

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
6.3.2.3	Erect and Dismantle Scaffolding Perform scaffolding installation greater than 15 feet.	For all scaffolding greater than 15 feet, provide a cost proposal to the CO in accordance with CLIN 6.1 within 3 days of identification of the scaffolding requirement. Upon receipt of a DO, plan, furnish, install, maintain, and perform other related services to accomplish the requirements of a Scaffold Support. The work shall be accomplished per pertinent OSHA and NASA JSC Safety Requirements. Complete work per DO schedule. Pricing note: This CLIN will not be priced in Section B.	Per DO	Accurately identify scaffolding services greater than 15 feet. Work completed on schedule.

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**ANNEX 8
INFORMATION TECHNOLOGY**

8.0 INFORMATION TECHNOLOGY

8.1 GENERAL INFORMATION

8.1.1 Annex Description

This Annex identifies the Information Technology Support Services that cannot be identified with a single annex or may be related to the performance of services throughout this Contract. Even though this Annex contains certain guidelines, the Contractor has the responsibility to establish a management program that is effective, innovative, and uses to full advantage the facilities and equipment provided by the Government.

8.1.2 Information Technology Systems

It is at the discretion of the Contractor to utilize the Government-provided systems or to initiate new systems for the purpose of increasing efficiency and to meet contract requirements. However, the new systems must parallel and act in the same manner as the Government-provided systems. If the Contractor proposes to deviate from the existing systems, including workstations (CLIN 8.1.5), all proposals shall be submitted in writing, through the Information Technology Technical Management Representative ("TMR"), for approval prior to implementation. (NOTE: The Government will normally provide a response within 10 working days. Rationale will be provided for any request that is "disapproved"). If the contractor elects to provide a new system rather than use the existing Government system, the new system will become the property of the Government, however, if the software / hardware is leased, it will be the responsibility of the contractor to prepay the lease, including technical support, for one year after the end of this contract.

8.1.3 Special Rights For Licensed Software

In the event the Contractor uses licensed software, the Contractor is required to prepay a license, including technical support, for Government use, for 1 year beyond the end of the Contract.

8.1.4 Hardware Configuration

GENERAL: The Information Technology (IT) System consists of:

- (1) Installation-provided hardware
- (2) A computer room with 24-hour cooling and adjacent office space is included as part of the space provided to the contractor.
- (3) A JSC Institutional Network System (INS) linking all onsite computer systems via Ethernet with 100 Base-T cabling, site PCs have 10/100 base cards. The site backbone is being upgraded for higher bandwidth and over time the routers / concentrators are being replaced. This is a multi-year effort and will generally be completed in areas with higher population first.

- (4) Installation-provided off-the-shelf programming software (some contractor maintained and / or upgraded).
- (5) Installation-provided systems, which include programs, databases, on-line systems and report generating programs (some contractor maintained and / or upgraded).
- (6) Contractor-provided systems.
- (7) IT Hardware
- (8) Installation operated Web Based Applications.

These Installation-provided systems are integrated with and necessary for the performance of the overall contract. See Section J, Attachments I and K, for a listing of Installation-provided hardware, off-the-shelf programming software and systems. The Government does not warrant that the equipment as currently configured is optimal for the needs of this contract. The contractor may modify the configuration of this equipment to meet the needs of this contract except for the workstations in CLIN 8.1.5.

8.1.5 Government-provided Computer Services

The Government will provide computer services up to 225 seats (workstations) including monitors, keyboards, CDROM, mice, and network cards. These services are equivalent to those provided for Civil Servants. The service provides for workstations to be refreshed on a three-year cycle, loaded with a recent version of a Windows based operating system and a standard version of Microsoft Office, antivirus software, and various viewers. These workstations will be upgraded to more current operating system versions, as the Government deems necessary. The Contractor will provide any miscellaneous hardware over and above what is provided with a standard seat. The contractor shall provide any workstations required above the quantity listed above.

NOTE: The Government will provide the network connection for each contractor PC. The contractor may purchase from the Government additional services at the same delta cost above the Government network cost. The Government cost for a seat and for a Network connections are documented catalog prices in a Seat Contract (known as Outsourcing Desktop Initiative for NASA (ODIN)). Many items from the Seat contractor remain the property of the Seat contractor and as such will not become the property of the COSS contractor.

NOTE: The Government provided workstations will come with software indicated above and 8.1.7 Standard Software Installation / Usage. Some software like the 3270 emulation is only needed on a few of the contractor workstations that support the NEMS, NSMS, and NPDMS applications on the IBM Mainframes. The Contractor is responsible for loading this Government provided software or Contractor provided software on Contractor User Workstations.

8.1.6 Workstation Hardware and Software Audits / Push, Pull or Automatic updates of software.

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INFORMATION TECHNOLOGY**

The Government uses an automated electronic equipment auditing system of all computer workstations (hardware and software) connected to the network. The Contractor will be provided access to the data for their computer workstations. The Government also uses an automated process to push, pull, or do automatic upgrades to workstations. For example, the Government does automatic periodic upgrades of the virus definitions. The contractor will cooperate with the Government for the upgrades and audits.

8.1.7 Standard Software Installation / Usage

Use software that is compatible with the Center standard (type and version) to permit the flow of information back and forth with other COD elements with minimal impact. Use a software load on the computer workstations that is compatible with the software used by other COD elements.

NOTE: Each of the existing user computer workstations is configured with the Center standard software, including a recent version of Microsoft Windows with access to the server-based administrative applications (Microsoft Office, Web Browsers), the Center Electronic Mail System, News Readers, and 3270 emulators (where applicable). Where necessary a project scheduler is also provided. The Government will provide an e-mail account for contractor personnel, as required.

NOTE: It is illegal to pirate software. Contractor personnel are not to use the Government Internet system for non-Government-related business or personal use.

8.1.8 Network Connections

The Government will provide the network interface for all Government provided and contractor provided workstations, with one exception. The exception is that no workstations with modems will be connected to the center network.

8.1.9 Server-based Storage

8.1.9.1 Server-based Storage for General Use Applications

Government supplied space will be provided for server-based general use applications and databases. The Government will perform administrative functions for these servers. Reasonable amounts of storage will be provided to the Contractor (equivalent to the same capability and capacity provided to Civil Servants).

8.1.9.2 Server-base Storage for General Web Applications

Space will be provided on Government servers for server-based Web applications and databases. The Contractor is required to follow policy guidelines including: NPG2801.1, Security of Information Technology, JPD 2800.4, IT Program Management, and JPD 2800.1A, JSC Information Technology Policy. The Government will perform server administrative functions

for these servers. The contractor will be responsible for all of the data / data input. Storage will be provided to the Contractor (not to exceed 50 Meg).

8.1.9.3 Maintenance (clean up and removal of old files) / usage

The contractor will cooperate with the Government to remove / archive old files from Government supplied space that are needed only for historical reasons. The intent is to provide reasonable storage, and yet be able to enforce reasonable storage housekeeping rules. Server space is provided to support necessary contractor operations, however, the server storage is only to be used for current needs.

8.1.10 Printer Support

8.1.10.1 Networked Laser/Mainframe Laser/ Impact Printers

General use networked Black and White laser printers/impact printers will be made available to the Contractor. These printers will be maintained and replaced with current center standard equipment by the Government as the printers become obsolete. The requirement for providing Networked printers does not include any buildings / locations where the total number of users in the area is 5 or less. For areas with 5 or less users, it will be the contractor's responsibility to provide local direct connect or local shared printers.

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Any additional printers will be the responsibility of the Contractor. The Contractor is responsible for all CMMS networked impact printers / special printers / special use (personnel, payroll, etc. where privacy concerns might preclude the use of network printers by other users).

NEMS, NPDMS, and NSMS use mainframe impact or laser printers for reports. The Government will provide printers for these purposes where Networked General use printers are not appropriate.

8.1.10.2 Contractor provided printer supplies

Provide all printer consumables (toner, inkjet ink, ribbons, paper, etc.). The consumables shall be compatible with the printers.

8.1.11 Data Integrity

Design and maintain databases to have data field integrity. This requires that the field used is the right type (i.e. numbers for number fields, dates for date fields, etc.). Text fields shall not be used for fields that should be another type to maintain data integrity.

Ensure all data entered into the system is appropriate, accurate, and current. Provide accurate data input. The highly desired User Input method is for the database to restrict related data to predetermined values. Where this is not appropriate, the contractor will incorporate quality processes to identify errors. All errors whether found by the contractor or the Government will be corrected by the contractor.

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8.1.12 Building Number Standard

Maintain building data integrity in all databases by using a standard method to reference buildings. The contractor must use the building numbers as specified by the Government.

Buildings shall be related in the database(s) structure using a 7 character fixed length designation. Examples are as follow:

J*001**
J*009NW
JT585**
E*990**
S*920L*

NOTE: The first character represents the site "J" for Johnson Space Center, "E" for Ellington Field, and "S" for the Sonny Carter Training Facility at Ellington Field. The second character represents the building Prefix with "T" for Temporary and an "*" for "No Prefix". Characters 3, 4, and 5 are the building number with leading zeros to pad the data. The last two characters are the suffix with "****" as "no suffix" for the character spacing and either on suffix followed by an "*" or a two letter suffix. It is intended that the users will see the generic number for a building (example 1, 2, 3, 4S, 11, 30S).

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
8.2	Main Frame Application Support Provide IT Support for the Government-furnished IT Systems.	Provide IT support for the Government furnished systems described in Section J Attachment I and K. Use NASA agency-wide applications, including NEMS, NSMS, and NPDMS. Ensure that data entered into the systems are appropriate, accurate, and current. Call the ISD helpdesk when there is a system access problem. Advise the IT *TMR if there are repeated breakdowns or the system has an unscheduled outage of more than 4 hours.	365 days	Agency-wide applications are used exclusively.
8.3	Computerized Maintenance Management System			
8.3.1	Provide IT support for the CMMS Accurately track and document all contract work.	Provide IT support for the CMMS system. Maintain, control and protect "key" data/information to ensure the integrity of the CMMS program. These data will include Master Equipment Inventory, Preventive and Predictive data, task, the Work Element Codes, criticality code, the schedule dates, start dates, completed dates, *total cost, *bare cost, maintenance, and other current data in fields of the database (see DRD AN-1-10 for scope of this data). Write reports, query the databases, perform quality checks, and trouble shoot database problems. Provide routine IT support and training to Government employees that need to use the CMMS Data. Maintain a set of user manuals (and/or equivalent on-line help) in the Facility Technical Reference Library (TRL). Provide software utilities to permit the Government to export data to Excel, Access, CSV, TSV, etc. Using the CMMS Program, provide *daily (D7) reports in electronic web based format for work schedules, including scheduled maintenance, repair, construction, and outages. Query and reporting shall have, at a minimum the capabilities as the **Building Maintenance and Repair Report search on the current COD homepage. Upon breakdowns, advise the IT *TMR of all scheduled actions to bring the system back on-line.	365 days	CMMS is fully functional and data is accurate Training for Government employees is available when requested CMMS accessibility to contractor operated systems. Backups are performed daily.
8.3.2	CMMS Capability	Provide a CMMS capability that includes all hardware, software and software provider's technical support capability. This system shall be available, on-line and fully operational at the start of the contract. The system shall be capable of handling the load required by the CMMS software and provide reliable and responsive service to the Government.	365 days	CMMS system fully operational at start of contract. Server online at all times.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>The CMMS software license with software provider's technical support shall be provided by the Contractor for each year of the contract and for one year beyond the end of the contract. The contractor shall provide, in addition to the licenses he requires, 15 additional concurrent licenses for Government access to the CMMS. If proposed CMMS is web based then license must allow for 15 Government computers online at one time.</p> <p>NOTE: The existing contractor has prepaid a license for 50 concurrent sessions of MP2 for the first year of the COSS contract. The version of the CMMS in use is not the latest and is no longer supported by the software provider. The server that MP2 is installed on is owned by the BOSS contractor and will not be available.</p> <p>Provide the Government mandated fields, listed in Table 8-1, as part of the CMMS. The fields shall be setup and configured as listed and any changes must be approved by the Information Technology *TMR and the Maintenance & Repair *TMR. These fields are in addition to fields that the contractor needs to perform contract functions. The fields shall be fully searchable and sortable.</p>		
8.3.3	<p>Maintain the CMMS.</p> <p>Ensure the CMMS Program remains accurate and up-to-date.</p>	<p>Identify, report and incorporate changes, errors, deficiencies, or recommended improvement to the CMMS Program to ensure the Program remains accurate and up-to-date.</p> <p>This includes providing programming support on a continual basis to "troubleshoot," correct minor programming bugs, etc.</p> <p>NOTE: To encourage improvement and effectiveness, the Contractor's work force is encouraged to identify improvements or changes to the CMMS Program. As a minimum, this includes work that is reasonably visible to any Contractor personnel performing any related service.</p> <p>Evaluate proposed changes identified by the IT *TMR. Perform actions necessary to identify change, research (including field verification to validate the information), develop associated maintenance documentation (e.g., Annual Maintenance Plans and Schedule, PM and PT&I Maintenance Work Description for each task, critical spares data, etc.) and to submit to the IT *TMR for consideration and approval..</p>	365 days	<p>Program changes submitted within 14 days.</p> <p>CMMS program available continuously.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>Submit proposed changes in electronic format.</p> <p>NOTE: Contractor-proposed recommendations will be subject to Government-approved format and will include proposed maintenance documentation changes.</p> <p>Submit changes to the IT *TMR within 14 days of (1) completion of work performed under the terms of this contract; (2) notification of change; or (3) first observation of change, whichever is first.</p> <p>Ensure changes include all backup or supporting documentation.</p> <p>Provide, implement, and maintain the necessary process analysis, data gathering, and reporting software to meet contract requirements (DRD's, reports, metrics, etc.).</p> <p>Provide on-line connectivity to the Government and integrate the data with CMMS.</p>		
8.3.4	<p>Maintain History Files</p> <p>Maintain history files to reflect all Contract Services</p>	<p>Maintain History Files</p> <p>History files include, but are not limited to, Facility Condition Assessment (FCA), MA, PT&I, PM, and Repair, databases, records, and logs.</p> <p>Assume management of existing on-line history files from the preceding Contractors and create and incorporate new history files. Continue maintaining files and data fields for all services provided under the terms of this contract; e.g., maintenance and repair actions, construction and alteration projects, inspection results, Predictive Testing and Inspection (PT&I) Data, PT&I Baselines, PT&I Trends, equipment condition, Maintenance Activation, accomplished Preventive Maintenance (PM), etc.</p> <p>Ensure and maintain a filing/maintenance system that provides quick and easy access to existing files. All previous data must be incorporated and accessible.</p> <p>Maintain on-line access to files; ensure that hard copies are easily obtainable with no loss of pertinent data. Submit improvement recommendations to the IT *TMR for approval.</p>	<p>Contractor determined</p> <p>365 days</p>	<p>CMMS data accessible to Government at all times.</p> <p>Files are recorded, accurate, and current. Files are complete, centrally located, and readily available for review or obtained via hard copy at all times.</p>
8.4	Environmental Management IT Support			

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
	Environmental Web based / client application support	<p>Provide IT support to install environmental web based / client applications that are used either by the contractor or NASA Environmental Office. Current applications include NETS, STEERS, ISW database, web-based training, EO/EMS website and EMS database. All upgrades or updates will be installed within 7 calendar days of receipt. Test the upgrades to ensure it works properly prior to full implementation. All personnel requesting user-ids and passwords receive them within 7 calendar days.</p> <p>Maintain / update the data including but not limited to (help data, train modules, FAQ, help) on the COD Environmental Web page.</p> <p>NOTE: The programming for these applications and help desk is provided by the owning organization (State of Texas, Other Government Agencies, or Other NASA Centers). Generally, these applications access a web page via a browser; however, they may require a local client to be loaded on the user PC. At least one application requires a database to be installed and maintained on COD server space that is backed up by others. It is the user responsibility to interface with the appropriate help desk to report an initial problem. Provide local user help and troubleshooting whenever a change to the software or when problems occur. The NASA Environmental Office will be responsible for requesting and maintaining user-ids / list, conducting beta tests as requested. NASA or regulatory agency authorizations, licenses, requirements and restrictions will be followed at all times for all aspects of the software and programs.</p> <p>NOTE: Programming changes to the Environmental Web Page, the impacts database or the program database will be done by others.</p>	365 days	<p>All environmental software and websites are fully functional and available at all times</p> <p>NASA or regulatory agency authorizations, licenses, requirements and restrictions will be followed at all times for all aspects of the software and programs</p>
8.5	<p>Energy Management Control System (EMCS) System Support</p> <p>EMCS database support</p>	<p>Provide IT support to manage the EMCS databases that support day-to-day operations of the EMCS system (excludes hardware such as RTU's, Metasys hubs, Woodward Smart 3000, etc.). The COSS contractor shall maintain existing Microsoft Access and Excel data status files.</p> <p>NOTE: The EMCS is primarily a real-time system that is used for control of facilities (HVAC, boilers, chillers, Power, etc.) and is partially the responsibility of the COSS contractor, the Honeywell contractor and other contractors. For the sake of clarity the operations support for this system is primarily covered in the EMCS Operations section of the contract (Annex 4).</p>	365 days	<p>IT support of day-to-day operations / database support of contractor users is provided.</p> <p>Databases are formatted correctly.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
8.6	System Operations / Maintenance	<p>Provide support and operate IT systems while ensuring the programs are functioning properly and in the same manner as the programs provided.</p> <p>Maintain and protect all IT systems and maintain data integrity in all databases and other programs/systems. Upon termination of the Contract, return to the Government all current source/compiled programs, documentation, data, or similar software data, in a usable format consistent to the manner in which the Government originally provided it.</p> <p>Maintain installation-provided systems separately from the Contractor's proprietary systems such as the Contractor's financial management, personnel and other like systems.</p> <p>Upon breakdowns, advise the IT *TMR of all scheduled actions to bring the system back on-line.</p>	365 days	Contractor operated IT systems accessible at all times.
8.7	Online System Access and Support			
8.7.1	Provide and maintain Government access and support to all existing contractor operated on-line computer systems.	<p>Provide, maintain, and support continuous Government on-line access to all contractor operated computer systems (except payroll and personnel) including, but not limited to contract required databases, data, records, plans, metrics, schedules, and history, and to all Government-provided applications and databases. Access is to be compatible with server configurations and loads such that COD users may utilize, analyze, and extract data, etc.</p> <p>Notify the IT *TMR in case of system failure and provide status updates to the IT *TMR every four hours. Scheduled downtime for short periods of up to 4 hours to allow for upgrades, repairs and maintenance are acceptable exceptions to "continuous" on-line access. Where possible these periods should be in the evening after *Core Hours.</p> <p>NOTE: Systems with on-line support: See Section J, Attachment K List 1.</p>	365 days	<p>Government access to any required data in any system or database is maintained.</p> <p>Contractor operated systems accessible at all times.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
8.7.2	Web Based Management Information System Provide a Web Based Management Information System	Provide a web based Management Information System on JSC web servers which displays the required data as shown in Table 8-2. The data shall be maintained for access by the JSC user community (see Table 8-2 for restricted data) and the Contractor. The web page shall be updated to display the latest reports, plans, metrics, procedures, etc. within 3 *workdays. All other data, (e.g. work orders) shall be updated as required to keep the data current and meaningful.	365 days	Data shall be accurate, understandable and available.
8.8	Facility CAD System / Space Utilization			
8.8.1	CAD Software support	Provide support for the CAD software versions used to support the Facility Cad System. Support includes, but is not limited to, response to questions, trouble-shooting problems, installing the server application, installing the client application and assistance in printing. Provide application support within 8 hours of the request. Maintain for the capability for the current and two previous CAD software versions of all CAD drawings.	200 hours	Requested programming support provided at all times. Support provided within 8 hours of request.
8.8.2	CAD Software Licenses	Provide 2 AutoCAD licenses (latest version) and retain 5 concurrent MicroStation user licenses (latest version) exclusively for use by the Government. NOTE: The government will provide 23 MicroStation licenses at contract start. Provide a new capability within the first 6 months of the contract to produce drawings in AutoCAD format. Upgrade existing licenses within 6 months after a new version is released. NOTE: The Contractor shall upgrade licenses in the proportion needed (MicroStation vs AutoCAD) to adequately perform the CAD drafting requirements identified in Annex 5. It is anticipated that the number of each application will vary during the contract as the number of AutoCAD facility drawings will increase and the number of MicroStation facility drawings will decrease.	2 AutoCAD licenses	Correct number of concurrent licenses is provided. New capability provided on time. Upgrades are provided within 6 months of release.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
8.8.3	CGM Viewing Support / facility drawing database	<p>Maintain the databases for all facility drawings and Facility Housing Plans (FHP). Update the databases within 5 working days after each drawing is updated. If the drawing being updated, is needed to provide current information about a particular facility, update the database in real-time.</p> <p>Convert any updated drawings at least once a week to Computer Graphics Metalife (CGM) format and place them in a predetermined location on JSC_COD_CAD01 or other designated server.</p> <p>NOTE: The existing conversion is presently being done with an automated process (macro) that has minimal user effort. The contractor will maintain an automated conversion capability.</p>	365 days	CGM files are available within 5 days after update.
8.8.4	<p>Space Utilization Management System Programming Support Data Entry</p> <p>Ensure data entry assistance</p>	<p>Provide programming support for Space Utilization Management System (SUMS) including response to questions, trouble shooting problems, and assistance in printing. Support shall be provided within 8 hours of the request.</p> <p>Create new or modify existing reports on an as needed basis.</p>	40 hours	Programming support provided within 8 hours of request.
8.9	Other Applications			
8.9.1	Gas Cylinder Tracking System	<p>Replace the existing Gas Cylinder Tracking System within the first 6 months of the contract with a new system that is compatible with Microsoft Access, SQL Server or Oracle.</p> <p>Provide the same capability in the new system that exists in the present system and further detailed in the following:</p> <ol style="list-style-type: none"> 1. Provide the capability to barcode, and the necessary scanners (equivalent to or newer than the latest Intermec Scanners used by the NEMS personnel). 2. Install the new application on one of the Contractor-Operated Contractor Maintained servers. <p>Provide two users licenses for NASA.</p> <p>Provide reports that show the number, type, serial numbers, gas, and quantity of gas, delivered each month. Provide a report that includes the cylinders returned to the suppliers, serial number, type of gas, date delivered, date returned, if rejected, why cylinder was rejected. Provide an ad hoc query capability for the Government to write reports.</p>	1 tracking system	<p>Gas Cylinder Tracking system is converted in year 1 and data and reporting capability is as specified.</p> <p>Data is accurate.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
8.9.2	Barcode Scanners Support and Maintenance	<p>Provide barcode scanner capability that includes all hardware, software, and support capability. This capability shall be available and fully operational at the start of the contract..</p> <p>NOTE: See Section J Attachment I, List 3 for the listing of government provided scanners to be used for the Transportation Inbound Freight Log (TIFL) and the Gas Cylinder Tracking.</p> <p>NOTE: All scanners required to support NASA agency-wide applications (i.e., NEMS, NSMS, and NPDMS) will be provided by the government.</p> <p>Provide support to write the menus, maintain, and load all bar code scanners and the scanners used by the JSC Security Forces on another contract. Provide all maintenance for the barcode scanners, docking units, and power supplies.</p> <p>NOTE: The support will be for 31 scanners. The general use breakdown is for 12 scanners used to support NEMS, 6 scanners to support TIFL, 4 scanners to support Gas Cylinder Tracking, and 9 scanners to support the JSC Security Forces. The scanners are multipurpose devices that can be used on several systems by activating a different menu.</p>	<p>365 days</p> <p>365 days</p>	<p>Barcode scanner capability fully operational at start of contract.</p> <p>Menu updates are available within 5 working days of request</p>
8.9.3	Thermography Data	<p>Maintain and operate the existing thermography data. Provide a new capability to make the thermography data available on the web within the first 6 months of the contract.</p> <p>Data will be updated within 7 days of data collection.</p>	365 days	<p>Applications are available within 6 months of contract start.</p> <p>Data is accurate and timely.</p>
8.9.4	Vibration Data	<p>Maintain and operate the existing Vibration Data Application. Keep the software current within 6 months of the issuance of new version.</p> <p>Data will be updated within 7 days of data collection.</p> <p>Within 6 months of the start of the contract, provide a new capability to have a Web based database that will list the vibration data that is being accumulated. Additionally, link all equipment items to the equipment numbers in the CMMS system. Provide a user-friendly interface that will permit a CMMS user to determine if Vibration data is available.</p>	365 days	<p>Applications are available within 6 months of contract start..</p> <p>Data is accurate and timely</p>
8.9.5	Real Property Database	<p>Provide programming and system support for the Real Property Accounting System (RPAS) used in annex 5. Support shall include, but not be limited to, responding to questions, trouble-shooting problems and assistance in printing. Provide support within 2-4 hours of the request. The exact schedule for each task shall be given when the task is assigned.</p>	40 hours	<p>No occurrences of failure to provide programming support when requested.</p> <p>Support provided within 2-4 hours of request</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
8.9.6	WinEst / Means	<p>Provide all support to maintain the server-based application of WinEst and the Means cost data using clients / icons on user work stations. Maintain the current copy (and one version back) of the WinEst estimating applications and current yearly and quarterly updates of Means Electronic Cost Databases. Provide 5 concurrent licenses for Government use.</p> <p>The Contractor's computerized estimating software shall be compatible with Microsoft Windows and WinEst Pro Plus, by WinEstimator, Inc estimating software or equal.</p> <p>NOTE: Presently, there are 12 licenses being used for Contractor and CS support.</p>	40 hours	<p>Applications are available when server access is available.</p> <p>Most current version of software is available.</p>
8.10	NEMS System Scanning	<p>a. Provide at contract start a scanning capability for support of COD Activities. Scanning capability will have a non-proprietary database (SQL Server, Oracle, or database approved by the Contracting Officer).</p> <p>NOTE: Current system uses a workstation and flatbed scanner with data stored on CDR's. The Contractor shall provide the workstation and scanner system.</p> <p>b. Provide IT support for the existing NEMS Scanning system. Continue to operate the existing historical portion of that system and continue to have the information available to the NEMS users.</p> <p>Meet with the Government to agree on the data to be scanned, keyword search, identification, interfaces, etc. Design, implement, and maintain the data necessary to recover and display the data, via ad hoc search capability. Repeat the above process as new systems are identified that need scanning support.</p> <p>NOTE: See CLIN 11.2.2.2 for current scanning requirements.</p>	<p>1 system</p> <p>80 hours</p>	<p>System is ready at start of contract.</p> <p>System is sized adequately to handle number of scans.</p> <p>Data scanned is available.</p> <p>Database has correct keyword search capability.</p>
8.11	IT Security			
8.11.1	<p>Computer Systems and Data Security</p> <p>Maintain Government-furnished computer systems and data security for Contractor-operated systems.</p>	<p>Provide support necessary to ensure Contractor-operated systems and data remain secure at all times.</p> <p>Backup daily all applications and data stored on Government-furnished Contractor-operated servers or Contractor-furnished Contractor-Operated Servers.</p> <p>NOTE: The Government will backup each Government-operated server and mainframe application.</p>	365 days	<p>On-line systems and data security are maintained at all times.</p> <p>All data or system applications maintained and secure.</p> <p>Changes approved prior to implementation.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
8.11.2	Computer Security Manager	<p>Appoint, in writing, a Computer Security Manager (CSM). CSM duties include:</p> <ol style="list-style-type: none"> 1. Have knowledge and background experience in IT Security. 2. Have knowledge of contractor systems. Prepare contractor risk assessment packages and security plans. 3. Attend and support Center Security or COD security meetings. 4. Fully cooperate with Government Security Officials. <p>Provide "supervisory access" on an as needed basis to Government Computer Security Official(s). NOTE: The Government does not intend to use this supervisory access right except where there is an indication of security violation or indication of unacceptable security risks.</p>	365 Days	CSM is appointed in writing. CSM experience and background commensurate with task. CSM passes background checks.
8.12	Documentation / IT Help Support			
8.12.1	IT Help Support	<p>a. Provide and maintain *daily (D) IT Help Support capability for routine IT issues. Provide access via phone (human, voicemail, pager, electronic mail, and web page). This support is to be separate from the normal facility type support provided for site facility issues (e.g. IT help for CAD or WinEst software questions). Provide initial response to calls within 4 hours.</p> <p>Maintain a database that documents all issues that are not addressed within one business day. Provide access to this data to the NASA IT personnel. Track outstanding issues by user, person initiating the call, date, time, resolution, date resolved, and time resolved. Put the issues on the web with Government access.</p> <p>Cooperate with and interface with the site Seat contractor for IT problems.</p> <p>NOTE: The site has a Seat contractor that users can call to resolve IT issues. If the issue is not the responsibility of the Seat contractor then the problem is forwarded to the responsible group. It is expected that the COSS users will normally call the Seat contractor for issues that the Seat contractor is responsible for and the COSS users will normally call the COSS contractor IT support for those systems for which the COSS contractor is responsible.</p>	52 weeks	<p>Response is within 4 hours</p> <p>Track help requests and put on web</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>b. Provide a continuous *daily (D7) emergency IT Help Support capability to handle emergency IT issues. Provide access via a pager and cell phone. Provide the name of a prime and two alternate contacts to call that can address emergency IT problems.</p> <p>Designate a permanent prime and alternate contact that can address emergency IT security issues.</p>	365 days	<p>List is posted in the facility helpdesk.</p> <p>IT Help Support phone message provides correct numbers for emergencies.</p> <p>Prime and alternate contact has been designated in writing to COD OCSM and one is available at all times</p>
8.12.2	<p>Documentation Maintenance / Update for Major Systems</p> <p>Continually update and maintain all computer system documentation for all Contractor-provided and operated systems.</p>	<p>Provide and maintain copies of all updated computer system documentation for major systems (CMMS, EMCS, and Scanner System). Keep all documentation in neatly bound volumes with title covers and table of contents. Maintain a copy of all updated manuals in the IT Reference Annex TRL in the main COSS IT area.</p> <p>Validate all documentation no less than once every six months. Update documentation within two weeks of change implementation.</p> <p>Run Manuals – Ensure all System Operator Manuals, job flow configurations, and other flow charts are updated and validated, including batch programming manuals and instructions.</p> <p>Terminal Operation Manuals - Ensure all on-line systems operated by both the Government and the Contractor have detailed narrative descriptions, system flow charts, menu flow charts, access codes and other pertinent user information. Provide a point of contact to answer questions in case of system problems.</p> <p>Data Element Dictionary - Ensure data element dictionaries contain comprehensive listings by data of all fields including field name, length, character type, etc. Provide revisions to all documentation when changes occur.</p> <p>System Configurations - Provide and maintain system configuration flow charts that accurately portray all functions, links, and relationships between the different components.</p> <p><u>Hardware Configuration</u>: Accurately reflects all terminals, connections, modern communication links, mainframe and ancillary supports, and other supplementary items.</p> <p><u>Databases and Program Configuration</u>: Show the relationships between the programs, databases, and other components.</p> <p>Program Listings - Provide a hard copy of source programs. Provide revisions to all programs when changes occur.</p>	<p>365 days</p> <p>Contractor Determined.</p> <p>Contractor Determined.</p> <p>Contractor Determined.</p> <p>Contractor Determined.</p> <p>Contractor Determined.</p>	<p>All documentation is current and accessible.</p> <p>Audit shows run manuals are up to date.</p> <p>Audit shows terminal operation manuals are up to date.</p> <p>Audit shows that data element dictionary is up to date.</p> <p>All system configurations are accurate and current with a complete audit trail of all changes/updates.</p> <p>All source programs are current and accessible.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>Programmer Manuals - Ensure all programmer maintenance manuals provide detailed information about the original program requirement, flow chart of program development, hard copy of source programs, etc.</p> <p>NOTE: These manuals are developed for the purpose of aiding future programmers in the organization and philosophy of the existing program.</p>	Contractor Determined.	Manuals are maintained and updated as changes occur.
8.12.3	Documentation, Minor Systems	Maintain a folder, or other data as appropriate on the minor applications that are supported by the IT group. Maintain a database that lists each supported application, the owner, organization, number of users, description, support method, how to get access, server where application is stored, etc.	365 days	Database of supported applications are available to the COD IT Personnel via read only access to the database or a web page
8.12.4	Documentation, Minor Applications	Perform a yearly survey to list the minor applications that are being used by the COSS (i.e. these are applications that are not normally supported by the IT group) to ascertain whether the data in the applications is being properly protected and location of data. Requirement is to list user, owner, description, type (Access2000, Excel 2000, etc.)	1 survey	List is available to COD IT Personnel.
8.13	Records, Reports and Submittals			
8.13.1	Provide IT Security Plan	IT Security Plan DRD AN-1-15 (initial plan within 90 days of contract start – subsequent plans as required before system configuration is changed)	1 plan	Accurate and detailed plan, complete and on time.

CMMS SPECIFIED FIELD DEFINITIONS
TABLE 8-1

Table : EQUIPMENT

Field Name	Field Type	Field Length	Comments
MAINTID	Text	10	Unique record combination of number and/or alpha characters identified as the specific level that individual maintenance records must be kept. Also Alphanumeric text that identifies system level assignment when no specific number ID is available. Will be used as a space holder for contractor until actual equipment is identified. Example: J*009NWHAC – Bldg 9NW HVAC System
EQUIPID	Text	25	Smart number used for quick identification and recognition of equipment. Assigned by design engineering. Contains three codes. First code indicates the type of equipment. The second code represents the building the equipment is installed in. The third code represents the sequence of this unit in the overall count of similar units in the resident building.
DESCRIPTION	Text	50	Air Handler, Chiller, etc...Consistent with the noun descriptor first and the primary pertinent information following a comma and if needed secondary pertinent information following a comma. (Air Handler, PTOA) (Tank, Hot Water, Gas)
INSERVICE	Text	1	(Y or N) If N then operating status (OPERATINGSTATUS) should be used to indicate why.
EQTYPE	Text	3	Alpha legend that indicates the equipment being described. Examples: (CHP – Chilled Water Pump, AHU – Air Handler Unit, HWG, Hot Water Generator) , allows grouping of similar items to run metrics for group failure analysis.
SITE	Text	5	ELL (Ellington Field), JSC (Johnson Space Center), SCTF (Sonny Carter Training Facility)
BLDG	Text	12	Alpha numeric to indicate building as follows: S*924** or JT585**. The * is used as a placeholder to allow proper sorting.
SYSTEM	Text	20	Contract labeled system, Codes used are identified in Section J, Attachment N, Exhibit N-1 Table 1.0. This code allows running of metrics report to assess availability/reliability of contact systems.
LOCATION	Text	30	Physical location, Room, Floor, O/S.
SYSTYPECODE	Text	10	M Mechanical, E-Electrical, X-Environmental, O-Other, UE-User Equipment etc...
PKGFR	Numeric	5	Limit of Financial Liability for Repairs. Multiplied by \$5000.00 per factor.
SERIALNUM	Text	30	Unique ID code from manufacture
MODELNUM	Text	30	General group from manufacture
MANUFACTURER	Text	20	Manufacturers name
COSTCENTER	Text	6	Contractor Defined
PURCHDATE	Short Date	10	Format: 11/26/2000. Original Purchase date.
STARTUPDATE	Short Date	10	Format: 11/26/2000. Building Occupancy Date.
WARRANTYDATE	Short Date	10	Format: 11/26/2000. One year past Building Occupancy date.
ORIGINALCOST	Integer	10	Original purchase cost if available.
OPERATINGSTATUS	Text	10	Used when the INSERVICE field has a N for equipment being in service. Examples: OOSMR – Out of Service Major Repair, OOSMB – Mothballed, OOSOB – Obsolete to be excessed, OOSEC – Energy Conservation
PERSONRESPONSIBLE	Text	10	Used to indicate past Union and Non-Union work jurisdiction set by residence.
PRIORITY	Integer	1	Could be used to represent Mission Criticality. (Contractor option)
CLASS	Text	1	(N or C) Collateral or Non-Collateral
SAFETY	Text	1	(Y or N) If Y then equipment is a safety critical item (e.g. elevator, man rated crane)

Table : TASK

Field Name	Field Type	Field Length	Comments
TASKNUM	Text	20	Unique ID code for task.
DESCRIPTION	Text	80	Text statement that describe the required Scheduled Maintenance activity.
WOTYPE	Text	8	SM (Scheduled Maintenance)
PRIORITY	Integer	1	"3" All SM work will have a priority of 3 for the initial input into the CMMS system.

CMMS SPECIFIED FIELD DEFINITIONS

TABLE 8-1

INSERVTASK	Text	1	(Y or N) Only "N" if task is being created or removed in order to keep it from generating a WO in the mean time.
RACCODE	Integer	1	RAC code for safety tasks
EXPENSECLASS	Text	6	Contractor Defined
MULTITASK	Text	1	(Y or N)
ASSIGNEDTO	Text	8	Contractor Defined
INSTRCODE	Text	12	Unique ID for instruction assigned to perform task.
CRAFT	Text	8	Craft to perform task
CRAFT EST	Integer	3	=number of workers X hours/person

Table : EQTASK

Field Name	Field Type	Field Length	Comments
MAINTID	Text	10	See EQUIPMENT Table
EQUIPID	Text	25	See EQUIPMENT Table
TASKNUM	Text	20	See TASK Table
DUEDATE	Short Date	10	Format: 11/26/2000. Next date that a Work Order has to be created in the CMMS for this Activity.
PERFDATE	Short Date	10	Not Used
DURATION	2	numeric	Days to perform task from start to finish. Not necessarily the actual hours of work. Used to plan the number of days to spread the activity over in the daily schedule.
DOWNTIME	2	numeric	Total number of hours the equipment must be down for this activity. Used to plan equipment outages.
MUSTBEDOWN	Text	1	(Y or N)
FREQ	Text	10	Cyclic time based code that allows the CMMS to generate this work again after each completion on the next correctly scheduled date. See Contract reference for Deferred Maintenance codes for the appropriate frequency codes.

Table:TASK INST TABLE

INSTRCODE	Text	12	Unique ID for instruction assigned to perform task.
INSTRUCTIONS	Text	12	Text page with consistent format for instructions used.

CMMS MANAGEMENT INFORMATION SYSTEM
TABLE 8-2

COSS Organization Chart*

Metrics – All metrics related to this contract

Examples include:

- All AN-1-10 metrics
- Metrics for High Visibility Items
- Contractor-created metrics
- Result from Customer Surveys

Reports - All reports requested within this contract

Examples include:

- Mishap Reports*
- Daily Reports*
- Flash Reports*
- Spill Reports
- Operations Logs
- Open Constraints (MCC)

Plans - All plans requested within this contract

Examples include:

- FCA Plan
- Hurricane Plan
- Environmental Compliance Plan
- Mission Readiness Plan

Schedule Information - All schedule-related information requested within this contract

Examples include:

- Inspection schedules*
- Maintenance Schedules (Daily / Weekly / Monthly)*
- Maintenance Annual Work Plan*
- Outages*
- Crane Certifications*

Procedures - All procedures information requested within this contract

Examples include:

- Work Methods
- Utility Procedures
- Mission Exceptions*
- Hot Work Permits
- Tunnel Access*
- Confined Space Access*
- Excavation and Boring Permits*

Safety - All safety related information requested within this contract

Examples include:

- Safety Procedures
- Safety Inspection Reports (Internal / External)
- Corrective Action Plans*
- Lost Work Day Cases*
- Mishaps*
- OSHA Recordables*

Work Orders – All data related to open and closed work orders

Examples include:

- CMMS Queries*
- Work Authorization Document (WAD)*
- Move Requests*

Quality Control - All quality control information requested within this contract

Examples include:

- Quality Control Plan
- ISO Procedures / Work Methods
- Inspection Reports (Internal / External)
- Corrective Action Plans*

Facility Data – Facility Related Data

Specific Items are:

- Panel Schedules*
- Equipment/System List*

Who To Call

NASA (Information to be provided by the Government)

- Managers
- Maintenance and Operations
- Environmental
- Logistics
- Grounds
- Information Technology

Contractor

- Managers
- Maintenance and Operations
- Environmental
- Logistics
- Grounds
- Information Technology

*Accessible to all JSC/EF/SCTF employees. All others are accessible by COD / COSS personnel only.

NOTE: All data requested electronically within the contract scope of work that fits the identified categories above shall be placed on this website.

NOTE: The exact location of information to be placed on this website may vary based upon CO direction.

**ANNEX 10
SUPPLY
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**ANNEX 10
SUPPLY**

10.1 SUPPLY

10.1.1 General Information

10.1.1.2 Annex Description

This Annex identifies supply services including acquisition, cataloging, stock control, inventory, storage and issue, and warehousing of supply items. This annex also includes temporary storage, program stock, office furnishings, carpet operations and radio communications.

10.1.1.2.1 Hours of Operation

Hours of operation for the supply annex are from 7:30 a.m. to 4:00 p.m., *daily.
Hours of operation for program stock (CLIN 10.2.1.9) are 7:30 a.m. until 6:00 p.m., *daily.

10.1.1.2.2 Limitations, Restrictions, and Other Exceptions

Contractor employees' private vehicles shall not be used to transport Government property and supplies.

10.2 SUPPLY OPERATIONS

10.2.1 General Information

10.2.1.2 NASA Supply Management System (NSMS)

NSMS is a mainframe application located at NASA Marshall Space Flight Center in Alabama. NSMS is a total supply system database for the tracking and visibility of a complete catalog of stock items and asset information including, but not limited to: availability, warehousing, usage history, procurement lead times, reorder points, replenishment, economic order quantity, demand history, shelf life, manufacturer's lot information, serialization, inventory, hazardous material control and coding, accounting data, potential excess, receipts, issues, due ins, due outs, backorders, and total item management capabilities. NSMS electronically initiates document tracking for the accountable transactions associated with receipts, issues and turn-ins. The transactions are tracked from the time of issue or receipt generation, through staging and delivery to the final destination. See ****NASA Supply Management Systems (NSMS) User and Operations Guide**.

10.2.1.3 Location of Services

Supply operations are performed primarily at JSC, with pickups and deliveries at Ellington Field and the Sonny Carter Training Facility.

10.2.1.4 Cataloging

Cataloging operations include but are not limited to the identification, cataloging, and standardization of installation property, material, and supplies. Responsibilities include transmission and receipt of cataloging data from Federal, Military, and other civilian agency sources, as well as interface with the Defense Logistics Service Center (DLSC) to maintain registration with DLSC of JSC items.

10.2.1.5 Acquisition and Inventory Management

Acquisition and inventory management operations include but are not limited to the procurement, replenishment, accounting, record reconciliation, and maintenance of supply items. Demand items are direct delivery material that does not meet the criteria for stocking and are procured and delivered directly to the customer. The Contractor is expected to use good judgment in the replenishment and inventory management process, being a good steward of the Government's money. The Contractor may be directed by the Supply ***Technical Management Representative (TMR)** to delay or reduce procurement actions. The Contractor is encouraged to expand JSC's Just-In-Time (JIT) Program by identifying more stock items which meet approved criteria. Management of inventory in this annex shall be in accordance with ****NPG 4100.1, NASA Materials Inventory Management Manual**.

10.2.1.6 Stores Stock

Stores stock is material which is repetitively procured, stored, and issued on the basis of recurring demand. There are approximately 800 ***line items** of stores stock. Stock levels on store stock items are determined by monthly demand and calculated by NSMS.

10.2.1.7 Storage and Issue

Storage and issue operations include, but are not limited to: operations of a warehouse that facilitates the storage, stock selection, bin maintenance, issue and inventory of stores stock, and critical spares. Storage and issue shall be performed in accordance with ****NPG 4100.1, NASA Materials Inventory Management Manual**.

10.2.1.8 Temporary Storage

Temporary storage operations include, but are not limited to: the addition, removal, tracking, inventory, review and processing of material. Requests to add or remove temporary storage material must have Supply ***TMR** approval. A case file is a record to maintain an official record concerning customer's material in temporary storage. A case file folder contains, but is not limited to: ****NASA Form 1602, NASA Equipment Management System (NEMS) Transaction Document**, or ****JSC Form 961, Temporary Storage Document**, retention level letters and responses, and a copy of all documents associated with the case file. Data in the file is cumulative. Manage materials in the temporary storage warehouses in accordance with ****NPG 4200.1, NASA Equipment Management Manual** and ****NPG 4200.2, NASA Equipment Management Procedures and Guidelines for Property Custodians**.

10.2.1.9 Program Stock

Program stock operations include, but are not limited to: receipt, storage, issue, inventory, and continuous tracking of flight-related hardware and flight support equipment in accordance with ****JSCM 26549, Manual for the Control of Program Stock**. Program stock is owned by the using organizations and is not subject to automatic replenishment. There are approximately 32,000 ***line items** of hardware located in an 8,000 square foot designated bonded storage facility, commonly known as a bondroom. See ****Bondroom 421** and ****Program Stock Flight Hardware Listings for NASA Tagged Equipment**. NASA tagged equipment designated as program stock is physically stored in bonded storage and is subject to the same receipt, storage and issue criteria as non-tagged program stock; however, actual physical inventory responsibility as referred to in CLIN 10.2.3 does not lie with the Contractor. Of the approximately 32,000 ***line items**, approximately 1,200 are NASA tagged equipment. The bondroom must be temperature and humidity controlled, and secured to authorized personnel only.

10.2.1.10 Critical Spares

Critical spares are standby stock held for emergencies for which there is no recurring demand. They must be immediately available to prevent delay which might result in loss, damage, destruction of property, or danger to life due to an interruption of operations. Critical spares and their stock levels are Contractor recommended and Supply *TMR approved and owned. *Mission Critical items are those critical spares that have been identified as necessary to have available in the warehouse at all times. All critical spares will be maintained in NSMS. There are approximately 3,540 critical spare *line items in **JSC Critical Spares Catalog for Plant Engineering Division, and **JSC Critical Spares Catalog for Occupational Safety and Institutional Assurance Division. Withdraw and use this stock to maintain critical systems per Annex 2.

10.2.1.11 Physical Inventories

Inventories are conducted according to the requirements listed in the **NPG 4100.1, NASA Materials Inventory Management Manual. The transition inventory performed at contract start will be a wall-to-wall inventory, administrated in NSMS, and will serve as meeting the 5 year requirement for lot inventories. The inventory shall be accomplished within 90 days from start of contract phase-in.

10.2.1.12 Gas Cylinders

Gas cylinder operations include, but are not limited to: the acquisition, receipt, inspection, analysis, acceptance, storage, issue, and handling of gas cylinders. The Contractor shall purchase all gasses needed for the performance of work on this Contract through NSMS.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>c. Inventory Reconciliation:</p> <p>Make inventory adjustments on individual stock items in NSMS anytime the Contractor becomes aware that the on-hand quantity does not match the NSMS balance and that immediate research and corrective action cannot be taken. Perform thorough research and documentation on all adjustments. Complete the adjustment through the first level of approval (Contractor) within 5 *workdays after discovery. Perform the actual adjustment in NSMS within 1 *workday after second level of approval Supply *TMR.</p>	Contractor determined	Inventory adjustments are performed accurately and on time.
		<p>d. Document Control:</p> <p>Organize, maintain and file on same day as received, a variety of supply documentation including, but not limited to: supply requisitions, inventory folders and letters, daily transaction register, excess disposal documents, material release orders, and material movement tickets.</p>	12,250 documents	Organize and maintain documentation accurately and on time.
		<p>e. Signature Verification:</p> <p>Upon receipt of a **JSC Form 1710, JSC Warehouse Supply Requisition, verify signature through NSMS. If invalid, contact customer for resolution. Process in NSMS, resolving any discrepancies as quickly as possible. If request received by noon, process same day; if received after noon, process next *workday.</p>	3,000 forms	Requisitions are processed accurately and on time.
		<p>f. Cataloging:</p> <p>Maintain a supply publications and research library including, but not limited to: current manufacturer's brochures and catalogs, Federal and military specifications, qualified products, and miscellaneous engineering standards and drawings to ensure sufficient sources are available for competitive pricing and customer assistance. The library shall include:</p> <ol style="list-style-type: none"> 1. DLSC's Logistics Remote Users Network (LOGRUN) to research Federal Catalog data and other logistics information. 2. DLSC's Federal Logistics Data on Compact Disc (FEDLOG) which is a compact disc (CD) based system to research Federal catalog data and other logistics information. Serves as backup to LOGRUN with CD's updated monthly by DLSC. 3. The General Services Administration (GSA) Multi-use File for Interagency News (MUFFIN), as on-line system to research stock number, GSA schedule information, manufacturer's supply and schedule information, and other information on products supplied by GSA. 	Contractor determined	Library is current and maintained accurately.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>4. Other CD products from DLSC including files on medical supplies, hazardous material information, etc. CD's are updated monthly by DLSC.</p> <p>g. Research Form 500:</p> <p>Receive and research ** JSC Form 500, Addition of Stores Stock Item, through the Supply *TMR for approval. If stores stock item, ensure **JSC Form 1710, JSC Warehouse Supply Requisition, is attached; if missing, contact the customer same day. If critical spare item, verify stock levels, mission-related items, repairable items, building and system components. If item already exists in JSC catalog, notify the customer of the National Stock Number (NSN), annotate it on the **JSC Form 1710, JSC Warehouse Supply Requisition, and forward for issue processing same day. File the Form 500. If the items are hazardous, ensure a completed **JSC Form 500B, Attachment to JSC Form 500 For Stock Item Which is Hazardous, is attached before forwarding; if missing, contact customer same day. If the item is not in JSC stock forward **JSC Form 500, Addition of Stores Stock Item, and **JSC Form 1710, JSC Warehouse Supply Requisition and **JSC Form 500B, Attachment to JSC Form 500 For Stock Item Which is Hazardous, if applicable, for Acquisition and Inventory Management processing, annotate NSN if available.</p> <p>If Supply *TMR disapproves addition, notify customer and file for records on same day. If approved, create catalog record and purchase description order card in NSMS on same day, using NSN if available; if not, assign locally assigned number. Track assigned number.</p> <p>NOTE: If **JSC Form 500, Addition of Stores Stock Item is for office supplies, therefore a potential JIT item, contact Supply *TMR for instruction on whether to continue process.</p> <p>h. Prepare and Submit Form 1303</p> <p>Prepare and submit **Standard Form 1303, Request for Federal Cataloging/Supply Support Action, and transmittal letter, to GSA requesting assignment of NSN within 2 *workdays. Upon receipt of NSN, update NSMS and notify Acquisition and Inventory Management within 1 *workday.</p> <p>i. Assign Stock numbers:</p> <p>Assign local stock numbers for program stock items that have no NSN on same day as requested. Do not obtain Federal NSN's for program stock items. Track locally assigned numbers.</p> <p>j. Identify Actions:</p>	<p>10 forms</p> <p>Nothing additional</p> <p>Nothing additional</p> <p>10 submissions</p> <p>1,300 *line items</p>	<p>** JSC Form 500, Addition of a Stores Stock Item, processed accurately and on time.</p> <p>Submissions are accurate and on time.</p> <p>Stock numbers are assigned accurately and on time.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		Perform Add/User/Withdraw User (LAU/LDU) actions monthly by identifying items added to or deleted from stock. Format information on disk per DLSC requirements; prepare transmittal letter and forward to GSA. Upon notification by GSA, update NSMS and notify Acquisition and Inventory Management and warehouse functions within 1 *workday.	12 LAU/LDU actions	LAU/LDUs are completed accurately and on time.
		k. Determine Item User: Upon receipt of a **Department of Defense (DD) Form 1685, Collaborations from Other Cataloging Activities , make determination if JSC is a user of the item and return to requesting activity within 2 *workdays. Update NSMS with changes, notify item management and warehouse functions of NSMS updates within 1 *workday.	12 forms	**Department of Defense (DD) Form 1685, Collaborations from Other Cataloging Activities , completed accurately and on time.
		l. Update NSMS Catalog: Update NSMS catalog records using the information contained in DLSC's Simplified File Maintenance (SFM) Basic Catalog Tape Record within 5 *workdays.	10 tapes	Tapes are processed and records are updated accurately and on time.
		m. Research Items: Research items for Standardization (Item Reduction) Studies to compare like items and respond to requesting Federal Agency within 2 *workdays.	12 studies	Studies are completed accurately and on time.
		n. Manage Inventory: Acquisition and Inventory Management (Applies to Stores Stock and Critical Spares only): Manage the inventory of all supply items in accordance with **NPG 4100.1, NASA Materials Inventory Management Manual . Purchase required stock items in accordance with applicable Federal Acquisition Regulation (FAR) requirements.	See below	See below

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>1. Review all commercial and Military/Federal (MIL/FED) replenishment recommendations daily on the NSMS Reorder Notice Report. Determine if usage indicates that any or the entire amount should be procured. Ensure purchase description order card contains current information. Initiate procurement within 1 *workday, with no incidents of items being procured when procurement should not have been made. Utilize the Internet to place orders for MIL/FED items. Before automatically reordering hazardous materials, contact customers to confirm need and document justification prior to ordering. Utilize recyclable toner cartridges whenever available unless unsatisfactory past performance is documented. Establish due-ins in NSMS and follow up on all delinquent orders within 2 *workdays. Adhere to the Affirmative Procurement Program for purchasing recycled products as mandated by **Executive Order 13101, Greening the Government Through Waste Prevention, Recycling, FAR, NASA Supplements, and **NPG 8830.1, Affirmative Procurement Plan for Environmentally Preferable Products. Ensure that catalog records reflect that designated items contain recyclable contents. Ensure items purchased meet the recovered content minimum percentages found in **Environmental Protection Agency (EPA) 530-SW-91-011, 40 CFR Parts 250, 252, 253, 248, and 249.</p>	800 purchases	Review and purchase actions are completed accurately and on time.
		<p>2. Review and process suspended receipt and issue transactions. Situations that can cause suspended transactions include, but are not limited to: discrepant or damaged material upon receipt, single customer order in excess of center-wide monthly demand, manual control by inventory manager, or controlled item. Use accurate instruction codes on issues and receipts. Justify decisions to hold a suspended transaction longer than 2 *workdays.</p>	Contractor determined.	Suspended transactions are reviewed and cleared accurately and on time.
		<p>3. Upon receipt, review requests for stock, **JSC Form 500, Addition of Stores Stock Item, to ensure they meet the criteria as stated in the **NPG 4100.1, NASA Materials Inventory Management Manual. Complete a **JSC Form 500A, Recommendation on an Addition to Warehouse Inventory, attach it to the Form 500, and submit to the Supply *TMR for approval within 1 *workday. Upon receipt of approved **JSC Form 500, Addition of Stores Stock Item activate asset record in NSMS and initiate purchase within 1 *workday.</p>	10 forms.	**JSC Form 500, Addition of Stores Stock Item processed accurately and on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>4. Generate and review the NSMS "Complete Excess Report" the first week of each quarter to determine if items should be retained or excessed. Contact past users to see if they will take the material and if so, issue to them. Create an excess transaction in NSMS, documenting the reason for the excess anytime an item does not meet the criteria for stockage. Complete the process through the first level of approval (Contractor) within 30 days after date on the report.</p> <p>NOTE: Items appear on this report only when they no longer meet the criteria for stockage based on usage. Discontinue assets in NSMS when disposal has been accepted by the NASA Property Disposal Management System (NPDMS) and item is no longer going to be stocked.</p>	4 reports	Perform review and complete the disposal action in NSMS accurately and on time.
		<p>5. Create excess disposal transaction in NSMS within 2 *workdays of discovery for reasons including, but not limited to: critical spares over the level, damaged material, etc.</p> <p>NOTE: See 10.2.2.a for shelf-life excess and 10.2.2.n.4 for excess resulting from "Complete Excess Report."</p>	120 transactions	Perform disposal transaction accurately and on time.
		<p>o. <u>Supply Cost Tracking System (Stores Stock/Critical Spares only):</u></p> <p>Establish and maintain a Supply *TMR approved <u>supply cost tracking</u> system. <u>The system shall accurately record the information necessary for account receivable/payable and shall be able to generate commitment and cost data to the Financial Management Division for payment.</u> Update same day any change in status occurs. Prepare and maintain purchase request (PR) folders containing any and all documentation relating to purchase within 1 *workday after confirmation of order. Pay vendor ensuring no incidents of failure to receive discounts or penalties due to late payment. Ensure all discounts are reflected in NSMS on same day awarded. Use the NSMS "Commercial Purchase and Receipt Verification Report" to verify purchase orders match invoices. Resolve discrepancies and if correction is required, make comments in NSMS clearly explaining problem and resolution prior to invoice submission.</p>	1 system	System is accurate and on time.
		<p>p. Storage and Issue (Stores Stock/Critical Spares only):</p> <p>1. Receive Material Release Order (MRO) and Excess Disposal Ticket, select and deliver stock to customer's location within 2 *workdays.</p> <p>2. Determine disposition of customer returns and return to stock or initiate disposal action within 3 *workdays.</p>	<p>8,000 issues</p> <p>156 returns</p>	<p>Material is selected and delivered accurately and on time.</p> <p>Returns processed accurately and on time.</p>

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ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>3. Provide a work stoppage counter for customers to walk up and receive immediate service. Ensure document contains proper signatures, verify average monthly demand (AMD) for item and check for asset freeze, on-hand quantity, or asset control prior to issue. Notify Supply *TMR if more than 3 *line items for approval prior to processing. If customer chooses to hand carry the supplies, process within 15 minutes. If customer chooses delivery, pull item and deliver to customer's location within 4 hours.</p> <p>NOTE: The majority of work stoppages are for customer hand carry. COSS Contractor requests for material shall not be counted against this CLIN.</p> <p>q. Program Stock:</p> <p>Establish a Supply *TMR approved Designated Verification (DV) Program by contract start date in accordance with **JSCM 26549, JSC Manual for the Control of Program Stock, that authorizes bondroom storekeepers to perform an acceptance identification and damage (quick look) inspection, verifying all receiving paperwork is in order, and material is undamaged and properly accounted for. Perform a DV Inspection on all receipts, address discrepancies to the initiator or Safety, Reliability and Quality Assurance (SR&QA), whichever is appropriate, on same day. Determine if equipment meets tagging criteria per **NPG 4200.1 Equipment Management Manual, and contact the Supply *TMR for tagging action on same day as received if item is not already tagged. Perform accurate count of all receipts. All manufacturer's packages must be opened and all pieces counted except under the following circumstances:</p> <ol style="list-style-type: none"> 1. Unless directed otherwise, in writing, by the owner of the hardware or the Supply *TMR. 2. Flight hardware that is in a sealed container or bag as a result of being processed through the clean room. 3. Flight wire shall not be measured; manufacturer's count will be accepted. 4. Rivets may be weighed rather than counted. <p>r. Program Stock Receipts:</p>	<p>100 work stoppages</p> <p>1 DV program</p>	<p>Work stoppages are processed accurately and on time.</p> <p>Receipts are processed accurately and on time and material stored in a safe, secure manner providing easy identification and access.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>Verify signatures on receipts against authorization letters provided by Supply *TMR and address discrepancies to the initiator same day. Process the receipt in NSMS. Notify the catalog function if NSN needs to be assigned. Mark the electronically assigned transaction number on source document paperwork. Record the source document receipt data on the **JSC Form 911, Parts Identification Tag. Affix storekeeper stamps to both the **JSC Form 911, Parts Identification Tag and the source document maintaining cross reference between source document, NSMS and **JSC Form 911, Parts Identification Tag. For NASA tagged items, write NASA tag number on documents if missing.</p> <p>s. Program Stock Discrepant Hardware:</p> <p>Hardware identified as discrepant by SR&QA must be segregated at all times from non-discrepant hardware, clearly marked and shall only be released with SR&QA approval. Notify SR&QA and coordinate for the disposition of discrepant hardware within 30 days of receipt. Initiate and document follow-up action within the first 10 days of each month thereafter.</p> <p>t. Program Stock Temporary Hold:</p> <p>Accept and physically segregate material for temporary hold for reasons including, but not limited to: material in transit, failed DV inspection, or safekeeping. Do not enter into NSMS. Maintain a log containing the following data: part number, serial and lot number, if applicable, customer name, date of receipt, and the date the material is released. Retain log for length of contract. Contact customer for disposition within 3 *workdays of receipt. If disposition is not obtained, contact Supply *TMR. Release temporary hold material only to the person who put it into bond.</p> <p>u. Program Stock Issues:</p> <p>1. Verify signatures on requests for issues against authorization letters provided by Supply *TMR. Address discrepancies to the initiator same day. Pull material and process the issue in NSMS and mark the electronically assigned transaction number on source document paperwork. Record the source document receipt data on the **JSC Form 911, Parts Identification Tag, and affix storekeeper stamps to both the **JSC Form 911, Parts Identification Tag and the source document maintaining cross reference between source document, NSMS, and **JSC Form 911, Parts Identification Tag. Contact the Supply *TMR for tagging within 4 hours of receipt if equipment meets tagging criteria per the **NPG 4200.1, NASA Equipment Management Manual, but no tag is present.</p>	<p>3,000 receipts</p> <p>25 *line items</p> <p>60 pieces</p> <p>8,000 issues</p>	<p>Receipts are processed accurately and on time.</p> <p>Discrepant hardware is processed accurately and on time.</p> <p>Temporary Hold hardware is processed accurately and on time.</p> <p>Issues are processed accurately and on time.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>2. Complete same day processing of receipts and issues, including pick up and delivery from designated locations, for all requests received by 12:00 p.m. Complete next *workday processing for all requests received after 12:00 p.m. Supply *TMR may request, on occasion, faster processing time.</p> <p>3. Pick up/drop off documentation and/or material in designated route locations at least twice daily; once in the morning between 11:00 a.m. and 12:00 p.m. for same day processing, and once in the afternoon for next *workday processing. See **Bondroom Route.</p> <p>NOTE: Requests are received by fax, customer drop off at bond, route drop box, or phone.</p> <p>v. NASA Tagged Hardware:</p> <p>Annotate NASA tag number on issue and receipt documents for tagged equipment if not already present.</p>	<p>Nothing additional</p> <p>Nothing additional</p>	
10.2.3	<p>Sample Physical Inventory of Assets</p> <p>Perform sample physical inventories.</p>	<p>Conduct sample inventories according to the approved schedule (see CLIN 10.2.6.3) and administer through NSMS. Perform counts, taking ongoing issue and receipt activity into consideration prior to entering counts in NSMS. Generate another count, or if the Contractor is satisfied with the results (a dummy adjustment may be requested from Supply *TMR), notify the Supply *TMR for electronic adjustment action. Turn in count sheets to the Supply *TMR at time of request to adjust the items. Thoroughly research and document adjustments for Government upper management signature. Complete count, research, and analysis through first level of approval (Contractor) within 30 days of freeze date for sample inventories. Results must be acceptable per **NPG 4100.1 NASA Inventory Management Manual pass/fail criteria. A failed sample shall result in a wall-to-wall inventory, which must be completed through first level of approval (Contractor) within 90 days. Operate the supply system throughout the inventory process, ensuring customer support is maintained.</p> <p>Use the NSMS suspense functions for issue and receipt activity during the inventory releasing suspense when freeze is lifted. Annotate paperwork with actual issue or receipt document number, not suspense document numbers.</p>	<p>Nothing additional</p> <p>3 Sample Inventories, (1 each Critical Spare, Store Stock, and Program Stock)</p>	<p>Inventories are completed accurately and on time.</p>
10.2.4	<p>Temporary Storage</p> <p>Manage temporary storage.</p>	<p>Maintain a current folder for every case file in Temporary Storage. Submission of the folder is required to Supply *TMR during the annual retention review process and upon request.</p>	<p>Nothing additional</p> <p>125 case files</p>	<p>Temporary storage is managed accurately and on time.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>Maintain and update an existing spreadsheet containing case file number (Contractor assigned), responsible organization, property custodian, equipment control number (ECN) if applicable, identification and dollar value of each item, location, square and cubic feet of location, date put into storage, date of last review, total case file dollar value, and storage cost.</p> <p>NOTE: This spreadsheet is used to create the Master Case File Listing (See CLIN 10.2.6.1) and the Case File Listing (See CLIN 10.2.6.2).</p> <p>Process requests to add new case files, add or remove items to existing case files, or remove items for temporary storage on **JSC Form 961, Temporary Storage Document, for non-tagged material/equipment; or **NASA Form 1602, NASA Equipment Management System (NEMS) Transaction Document, for tagged equipment. Review items to be stored for storage location and packing requirements. Assign a case file number if one does not already exist. Write the case file number on the **NASA Form 1602, NASA Equipment Management System (NEMS) Transaction Document or **JSC Form 961, Temporary Storage Document.</p> <p>For adds, pick up from customer's location, pack and transport and put items in storage as indicated and update database. For removals, remove the item from storage, pack or unpack as requested, and transport to customer's location per **NASA Form 1602, NASA Equipment Management System (NEMS) Transaction Document or **JSC Form 961, Temporary Storage Document. Complete add or remove actions within 3 *workdays. Submit original **NASA Form 1602, NASA Equipment Management System (NEMS) Transaction Document to Supply *TMR and copy to Property Custodian the same day add/or remove takes place.</p>	Nothing additional	
10.2.5	Gas Cylinders Manage gas cylinder program.	<p>a. Notify the Operations Quality Assurance Division (OQAD) when purchasing special blends for a **JSC Form 1313, Attachment No. 1 Quality Purchase Order Addendum for Fluids Replacement and attach to purchase order. Prepare list of all demurrage (rental cost on all vendor owned cylinders) and process purchase order for payment.</p> <p>b. Inspect cylinders monthly for repainting or possible refurbishment and notify the item manager on the same *workday the requirement is known.</p> <p>c. Scrub and scrap cylinders identified as bad. Contact the JSC Environmental Officer prior to proceeding with scrubbing action. See **Gas Cylinder Scrubbing Specifications.</p>	<p>500 gas purchases</p> <p>120 cylinders</p> <p>50 cylinders</p>	<p>Gas cylinder program maintained accurately and on time.</p> <p>Inspections accurate and on time.</p> <p>Scrub and scrap accurate and on time</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		d. Place a copy of documentation provided by the Environmental Health Laboratory (EHL) for rejected cylinder contents indicating failure analysis and corrective action to be taken in the procurement folder. Contact vendor for pickup/replacement of rejected cylinders.	130 cylinder rejects	Rejects processed accurately and on time.
		e. Perform triennial inventory per **NHB 4100.1, NASA Materials Inventory Management Manual , utilizing the Gas Tracking System (GTS) and notify the Supply *TMR of the results within 1 week.	1 inventory – Contract Year 3 prior to October	Inventory is performed accurately and on time
10.2.6	Records, Reports and Submittals			
10.2.6.1	Master Case File Listing Provide accurate master case file listings.	Provide 3 copies by the third day of the month, of a report generated from the Temporary Storage database containing the following information: case file number, responsible organization, property custodian, equipment control number (ECN) if applicable, identification and dollar value of each item, location, square and cubic feet of location, date put into storage, date of last review, total case file dollar value, and storage cost. Sort the data by case file number. See **Temporary Storage Master Case File Listing .	12 reports	Reports are accurate and on time.
10.2.6.2	Case File Listing Provide accurate case file listings.	Generate a Temporary Storage Case File Listing (a printout of all data elements contained in the database, reference CLIN 10.2.4) and attach to the case file folder. Submit to Supply *TMR 30 days prior to the anniversary date of the oldest item in the case file. Physically verify each item is in the proper location and annotate the listing as such prior to submission to the Supply *TMR .	125 Reports	Reports are accurate and on time.
10.2.6.3	Physical Inventory Schedule Provide annual inventory schedule.	Develop and make available to the Supply *TMR an annual inventory schedule that covers the inventory of store stock, flight hardware, and critical spare items in compliance with **NPG 4100.1, NASA Materials Inventory Management Manual . The schedule must conform to the NSMS Inventory program. See **Sample Inventory Schedule .	1 schedule	Schedule shall be accurate and on time.
10.2.6.4	Critical Spares Catalogs Create current critical spares catalog.	Create and prepare for publication the following catalogs: **Critical Spares Catalog for Facility Engineering Division and **Critical Spares Catalog for Occupational Safety and Institutional Assurance Division . Update catalogs as required with change bulletins. Catalogs shall contain all elements in current catalogs with up-to-date information.	2 catalogs consisting of 3,540 *line items	Prepare catalogs accurately and on time.
10.2.7	Personnel Requirements Provide DV trained bondroom personnel	Personnel shall be trained prior to handling flight hardware and be issued an individually identifying DV stamp.	Contractor determined	No instances of personnel without proper training.

ANNEX 10
OFFICE FURNISHINGS

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**ANNEX 10
OFFICE FURNISHINGS**

10.3 OFFICE FURNISHINGS

10.3.1 General Information

10.3.1.1 Annex Description

This Annex identifies the office furnishings operations including, but not limited to: inventory, receipt, storage, staging for issue and delivery, repair, determination of scrap metal, field and warehouse assembly and disassembly; receipt, storage, installation, removal, and repair of carpet.

10.3.1.2 Definitions

Furniture includes, but is not limited to: all types of office furniture, acoustical panels, refrigerators, shelving, lockers, racks, window coverings, task lights, etc.

Furniture repair includes, but is not limited to: reupholstering; lock and/or key replacement; caster, pneumatic cylinder, or under-seat mechanism replacement, etc.

Carpet repair includes, but is not limited to: stretching, cove base repair, carpet tile replacement, tear repair, etc.

10.3.1.3 Location of Services

Office furnishing operations are primarily performed at **JSC, with minimal activity of less than 1% of workload at local office buildings within a 50 mile radius.

10.3.1.4 Limitations, Restrictions, or Other Exceptions

All office furnishings operations, except furniture and carpet repair shall be referred by the Supply *TMR.

The Contractor shall provide parts and supplies for furniture repair including, but not limited to: casters, pneumatic cylinders, under-seat mechanism, keys, locks, refinishing products, wood fillers, screws, and/or fabric for reupholster of acoustical panels, refrigerant, etc.

The Contractor shall provide materials and supplies for carpet installation and repair including, but not limited to: cove base, metal for thresholds, releasable glue for carpet tiles, padding and tape for rolled carpet, vacuum cleaners, etc. The Government shall provide the carpet.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
10.3.2	Furniture Operations Maintain furniture operations.	a. Uncrate new furniture, inspect for damage, assure a key is kept on file on locking items and stock within 2 *workdays of receipt. Ensure no damage during handling. Update inventory same day furniture added to stock.	3,200 pieces	Process accurately and on time.
		b. Inspect furniture items returned to warehouses. Identify and segregate as usable, needing repair, or excess.	13,000 pieces	Process accurately and on time.
		1) Useable: Restock usable furniture. Update inventory same day returned to stock.		
		2) Needing Repair: Repair and restock furniture. Update inventory same day returned to stock (See 10.3.3 for in field furniture repair). The workload for furniture repair includes 30 Hoover acoustical panels and 400 conference chairs yearly.		
		3) Excess: Prepare **JSC Form 25A, Request for Turn-In or Reissue of Excess Property To/From Redistribution and Utilization, with the appropriate **NASA Form 811, Determination for Classification of Property as Scrap or Salvage, or **NASA Form 812, Determination and Authorization to Abandon or Destroy Surplus Property.		
		Accomplish these actions within 5 *workdays of receipt of furniture in warehouse. Ensure no damage during handling.		
		c. Prepare furniture for delivery, which may include, but is not limited to: providing keys, cleaning, polishing, assembling, etc., prior to Supply *TMR scheduled date.	11,750 pieces	See above
		d. Connect/disconnect furniture at customer location per Supply *TMR direction or per a Supply *TMR approved office layout on scheduled date.	11,000 pieces	See above
10.3.3	In-Field Furniture Repair Provide in-field furniture repair.	Repair furniture at customer location within 2 *workdays ; if the repair needed is a safety issue, complete/mitigate repair within 2 hours of receipt of request. Ensure furniture repaired meets or exceeds safety and use requirements. If repairs exceed 66 percent of the replacement cost of the item or cannot be performed on site, notify the Supply *TMR before repairing.	4,000 pieces	Process accurately and on time.
10.3.4	Carpet Operations Maintain carpet operations.	Inspect new carpet for damage, ensuring correct as ordered and stock within 2 *workdays of receipt and update inventory the same day added to stock.	2,000 square yards	Process accurately and on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>Survey Supply *TMR designated area/location to determine materials/quantities necessary to install, remove, and/or repair carpet. Deliver carpet and work materials to designated area and complete carpet installation, removal, or repair on scheduled date(s). Remove, replace, disconnect/connect affected furniture as needed for the job. Complete repairs within 5 *workdays of receipt of request; if the repair needed is a safety issue, complete/mitigate repair within 2 hours of receipt of request. Coordinate all carpet activities with the customer prior to beginning work. Ensure work quality meets or exceeds safety and use requirements. Ensure no damage during handling. Dispose of or return to warehouse removed carpet per Supply *TMR direction and update inventory.</p> <p>NOTE: Contractor may expect approximately 20 installation/removal jobs and approximately 12 repair carpet jobs per year.</p>	Nothing additional	
10.3.5	<p>Inventories</p> <p>Maintain accurate furniture and carpet inventories.</p>	Conduct monthly physical inventory of carpet and furniture. Provide on-call request information of stock quantities within 1 *workday. See CLIN 10.3.6.	12 inventories	Inventories accomplished accurately and on time.
10.3.6	<p>Records, Reports and Submittals</p> <p>Provide inventory report.</p>	Provide to Supply *TMR an inventory report including, but not limited to: furniture and carpet quantities, descriptions, stock numbers (if available), and locations by the third business day of the month.	12 reports	Inventory reports are accurate and on time.
10.3.7	<p>Personnel Requirements</p> <p>Provide personnel with required expertise.</p>	Contractor personnel shall have expertise in using Microstation software, which is the computer program, used to develop floor plans and furniture designs. Contractor personnel shall have expertise in carpet installation, carpet and furniture repair, and the assembly/disassembly of furniture.	Contractor determined	All personnel have proper expertise.

ANNEX 10
SUPPLY

10.4 RADIO COMMUNICATIONS

10.4.1 General Information

10.4.1.1 Annex Description

This Annex identifies the conventional radio communication requirements, which include, but are not limited to: furnishing all resources necessary to maintain and repair Government-owned radios and related equipment in accordance with the following requirements.

The three categories for maintenance are: (1) Government-owned, joint-use equipment operated by both the Government and COSS Contractor personnel, reference Section J, Attachment L, Exhibit 2; (2) Government-furnished equipment operated by COSS Contractor personnel within the Center Operations Directorate, see Section J, Attachment I, List 1; (3) Government-owned equipment operated by either Government personnel or non-COSS Contractors, reference Section J, Attachment L, Exhibit 3.

All Contractor-owned radios shall use Government provided frequencies. The Contractor shall not be authorized to use any other means of radio communications (leased, personal, or business-band radio communications) for conducting business under this contract. The Contractor shall use the licensed radio network provided by JSC.

All radio communication equipment shall be turned over to the Government when no longer required or at contract termination. Reference Section J, Attachment L, for a listing of radios that shall be initially provided to the Contractor.

10.4.1.2 Location of Services

Radio communications services are performed at ***JSC**.

10.4.1.3 Hours of Operations

Hours of operation for maintenance and repair of priority 1 requests (see CLIN 10.4.2) shall be 24 hours, 7 days a week including holidays. All other work performed in this annex will be 7:30 a.m. to 4:00 p.m. ***daily**.

10.4.1.4 Limitations, Restrictions, or Other Exceptions

Contractor shall be authorized to use Government established and licensed-approved radio frequencies. There are 20 approved licensed networks, which operate on various approved operating frequencies assigned to JSC. The current Installation-Accountable Government Property (IAGP) is configured at these approved frequencies. Complete list of frequencies and networks shall be provided to the Contractor upon award.

No radio transmissions are permitted in Buildings 30, 30South, 5, 35, TTA 350 and posted buildings that indicate that no radio transmissions are allowed in that building. The radio must be turned off before entry to building(s).

Maintenance and repairs of all equipment shall be accomplished using only the specified manufacturer's numbered parts or industry standard equivalent.

Repairs for equipment shall not include repair or replacement of batteries, ferrite devices, transmission lines (coaxial, fiber, etc.) that are installed and maintained by another contractor, towers, or tower lighting.

Damage resulting from accidents, unauthorized transportation between sites, neglect, misuse, failure of electrical power, air-conditioning, or humidity control, or causes other than ordinary use, shall be reported to the Government in a survey report.

The Contractor shall ensure that maintenance activities do not alter the system integrity of the network.

The Government anticipates replacement of all conventional radio network equipment with digital/analog trunking radio network equipment during Fiscal Year 02 (portable and mobiles) and FY03-FY04 (infrastructure, remotes, etc.). A fully installed and operational system is expected to be in place by start of FY05.

The network listing in ***Radio Communications** indicates the priority of repair for the simulcast broadcast system, repeaters, duplexers, base stations, remote control units, Emergency Response Team Minitor II pagers, and any associated ancillary equipment. Portable radios and chargers brought to the drop-off point for routine maintenance and repair are not subject to the priority indicators in ***Radio Communications**.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
10.4.2	Maintenance and Repair - Categories 1 and 3. Ensure radio equipment is functional.	Provide maintenance and repair of radio communications equipment. Respond to calls based on assigned priority. (See *Radio Communications) a. Priority 1 - Arrive at the user location within 1 hour and complete work within 6 hours of receipt at Work Control. b. Priority 2 - Arrive at the user location and complete work within 1 *workday of receipt at Work Control. NOTE: Accomplish multiple repairs of same priority in the following order: a. Repeater/Duplexer b. Base Station c. Remote Controls d. Other Ancillary Equipment Affecting an Entire Net e. Emergency Response Team Minitor II Pagers f. Mobiles g. Portables h. Other	See below 15 requests 15 requests Nothing additional	Maintenance and repair completed accurately and on time. Equipment performance shall meet or exceed original manufacturer's specifications.
10.4.3	Maintenance and Repair - Portable Radios and Chargers - Categories 1 and 3 Ensure radio equipment is functional.	Provide maintenance and repair for portable radios, chargers, or other ancillary equipment and return to customer within 5 *workdays of receipt of request. (See **Radio Communications)	30 requests	Maintenance and repair completed accurately and on time. Equipment performance shall meet or exceed original manufacturer's specifications

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
10.4.4	Installation and Removal – Categories 1 and 3 Ensure radio equipment is functional.	<p>Perform operations (removal and/or installation) of fixed and mobile radio communication equipment which includes, but is not limited to: removing or installing transmission lines, repeaters, antennas; decommissioning or commissioning telephone radio service circuits for remote or base station systems. Removals and/or installations shall start and be completed on same day as scheduled.</p> <p>NOTE: Transmission lines mentioned in this CLIN are the radio network system transmission lines that connect the radio network system to the antenna.</p> <p>(See **Radio Communications)</p>	28 operations	<p>Removals and installations completed accurately and on time.</p> <p>Equipment performance shall meet or exceed original manufacturer's specification.</p>
10.4.5	Preventive Maintenance (PM) Ensure radio equipment is functional.	<p>Prepare PM schedule to ensure all network repeaters, base stations, remote control units, and simulcast broadcast system equipment are operational prior to start of hurricane season. Obtain Supply *TMR approval on PM schedule 30 days prior to scheduled start date of PM. Coordinate and notify the customer and the Facility Manager 2 weeks prior to the PM scheduled start date. Complete PM on the scheduled day. PM's must not interfere with Mission pre- and post-flight schedules.</p>	20 networks - repeaters, base stations, remote control units, simulcast broadcast system and associated network equipment.	<p>Preventive maintenance completed accurately and on time.</p> <p>Equipment performance shall meet or exceed original manufacturer's specification.</p>
10.4.6	Personnel Requirements Provide licensed technicians.	<p>Ensure technicians have a valid certificate of competency issued by the Federal Communications Commission (FCC) for the Land Mobile Radio (LMR) Industry or a valid certificate from the National Institute for Certificate of Engineering Technology (NICET).</p>	Contractor determined	<p>All technicians have proper certification.</p>

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TRANSPORTATION
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12 TRANSPORTATION

12.1 General Information

12.1.1 Annex Description

This annex describes the responsibilities for Moving and Hauling, Packing and Shipping, Rigging and Heavy Hauling, Driver Services, and Receive/Deliver Inbound Freight. It is the Contractor's benefit to purchase pallets from a vendor who sells recycled pallets and who will remove the Contractor's unserviceable pallets.

12.1.2 Background

All equipment and vehicles necessary to accomplish the work required will be the responsibility of the Contractor. Contractor employee's private vehicles will not be used to transport Government property and supplies.

12.1.3 Location of Services

Transportation services are primarily performed at *JSC, with minimal activity at other specified locations within a 50 mile radius.

12.1.4 Hours of Operation

Hours of operation for this annex are from 7:30 a.m. to 4:00 p.m. Monday through Friday, except as otherwise specified.

12.1.5 Moving and Hauling Services

These Contract requirements identify moving and hauling, nitrogen delivery and quick dispatch services. Moving and hauling services include, but are not limited to: loading, unloading, transportation and arrangement of items. See ****Historical Workload Data for General Transportation Work Requests.**

12.1.5.1 Hours of Operation

There will be times when moving and hauling services are requested outside hours of operation.

12.1.5.2 Location of Services

Moving and hauling work performed outside of *JSC is covered under 12.3.4 Nitrogen delivery services are performed at, but not limited to, Buildings 7, 9, 13, 15, 31, 36, 260, 350, 352, 343, 354 and 356. Building 222 lab requires high-pressure gaseous nitrogen.

12.1.5.3 Limitations, Restrictions, or Other Exceptions

All moving and hauling service requests are referred by the Transportation *TMR.

12.1.6 Packing and Shipping Service

These Contract requirements identify the duties and responsibilities for providing a complete Packing and Shipping Service.

NOTE: Actual shipping cost is not at the Contractor's expense. The Government is responsible for selecting the mode of shipment, selecting the carrier, and preparing the appropriate bill of lading. Close coordination shall be maintained between the Government and the Contractor to ensure the most economical mode of transportation can be utilized and still meet the "Date Required Destination" on the shipping document.

For this annex only, a "Shipping Document" is defined as ****JSC Form 290, Shipping Document, **JSC Form 195, Request For Shipment Of Printed Matter,**** or an appropriate shipping document recognized by the Government. Additionally, "Ship" is defined as scheduling the pickup with the carrier identified and loading the transport vehicle. **** A 6-month historical listing of shipments is available for review in the TRL.**

12.1.6.1 Hours of Operations

a.) In addition to the stated (CLIN 12.1.4) packing and shipping hours of operation, skeleton service will be provided until 5:00 p.m. to service late shipments and carriers.

NOTE: Skeleton service means, one Contractor individual in the Packing and Shipping Department shall work Monday through Friday 8:30 a.m. to 5:00 p.m.

b.) On occasion, the Contractor will be required to provide overtime packing and shipping support.

NOTE: The average monthly overtime requirement is 18 hours.

12.1.6.2 Location of Services

The Contractor is responsible for packing, preparing and shipping all Government equipment, materials, items, and other forms of Government property from the *JSC and other specified locations within a 50-mile radius. The Contractor shall make shipments to domestic and international destinations as required by the Government.

12.1.7 Rigging and Heavy Hauling Service

These Contract requirements identify the responsibilities for rigging and heavy hauling services.

Constant radio communication amongst the Contractor staff must be maintained during rigging and heavy hauling jobs.

For each shuttle mission, a Mission Fact Sheet will be provided to the Contractor that lists the critical buildings and areas as well as other information. The time frame for submission of request to enter listed buildings is from launch, minus 7 days to landing plus 4 hours.

Definitions associated only with this annex are:

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Work Order: Any and all work requested by the customer that is required to complete a task at the designated location(s).

Priority 1 Work Order: Rigging support required to prevent bodily harm to an individual or to prevent further damage to NASA/JSC or Contractor equipment, test facility or building with the response time to be 15 minutes or less.

Priority 2 Work Order: Rigging support to be performed that is requested by the customer for a task that must be accomplished in less than 2 *workdays.

General Work Order: Rigging support to be performed when no specific time is requested by the customer where the contractor has up to 2 full *workdays from notification.

The Contractor's responsibilities will range from routine to highly critical in nature. See **3 Year Historical Listing of Rigging and Heavy Hauling Work Performed for JSC.

12.1.7.1 Hours of Operation

Personnel and equipment for rigging and heavy hauling jobs outside hours of operation, weekend, and holiday operations may be required to meet NASA's mission objectives.

12.1.8 Driver Services and Vehicle Operations

These Contractors requirements identify the responsibilities for driver services and vehicle operations. Upon Government request that additional driver services shall be provided to support shuttle launches and landings, astronaut candidates, official visitors, and other passenger transportation requirements.

12.1.8.1 Hours of Operation

Hours of operation for driver services and vehicle operations are from 7:30 a.m. to 4:00 p.m. Monday through Friday.

There will be times when the Contractor shall provide driver services outside hours of operation as requested by the Government.

12.1.9 Receive/Deliver Inbound Freight

These Contractors requirements identify the functions necessary to receive, inspect, and deliver inbound freight. Contractor personnel knowledgeable in the receipt, inspection, and delivery of Government freight shall be provided for this function. See Chart 12.6-1, Receive/Deliver Inbound Freight Process.

The bondroom, the receiving area, and the supply and critical spare warehouse are currently located in building 421. There are other bondrooms located at JSC.

12.1.9.1 Hours of Operation

There will be times when inbound freight service is requested for outside hours of operation.

12.1.9.2 Definitions:

Priority - For the purpose of this annex, "priority" is defined as inbound shipments for which premium transportation was requested and provided, such as exclusive use, priority, overnight, or next day. United Parcel Service (UPS) Red service is included in this category, plus any shipment determined by the Transportation *TMR as being priority. Shipments clearly marked as bids, payroll, Experiment Ground Support Equipment (EGSE), or travel must also be delivered as priority (unless work stoppage is requested).

Priority Items - For the purpose of this annex, "priority items" are defined as inbound shipments for which premium transportation was requested and provided. They are to be entered into the inbound freight database with a "P" code, and delivered in accordance with performance requirements indicated in 12.6.1.c.

Shipment - For the purpose of this annex, "shipment," is defined as any item delivered or consigned to NASA Johnson Space Center by any mode of transportation. This includes, but is not limited to freight carriers, contractors, and vendors. A shipment may consist of one package, multiple packages, or multiple loose pieces.

See **Quarterly Shipment History.

Work Stoppage - For the purpose of this annex, "work stoppage" is defined as an inbound shipment for which the customer has indicated either verbally or in writing that it is critical that the shipment must be received and delivered to the customer within a shorter timeframe than normally required (see 12.6.1c Delivery of Inbound Freight).

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.2	MOVING AND HAULING SERVICES			
12.2.1	General Transportation Services Provide for the transportation of items.	Provide all personnel and equipment for the transportation of items on date(s) requested. If no date requested, complete within 5 days with minimal impact to personnel. Examples of items to be moved include, but are not limited to: furniture, boxes, equipment, machinery, metal, lumber, packages, parking stands, etc. Move any items necessary to complete work. Ensure items being moved and surrounding areas are protected against damage.	4,000 work requests.	Requests completed accurately, on time with no damage or customer complaints.
12.2.2	Personnel Moves Provide for the movement of personnel.	Receive **JSC Form 174, Request for Move , from Transportation TMR and complete on date(s) scheduled with minimal impact to personnel. Move all items as listed on the **JSC Form 174, Request for Move including, but not limited to, furniture, boxes, equipment, etc. Ensure items being moved and surrounding areas are protected from damage. Provide a customer-signed and dated copy of move paperwork to Transportation *TMR within 5 days of completion of move. a. During hours of operation moves b. Outside hours of operation moves	 1,300 people 100 people	 Personnel moves completed accurately, on time with no damage or customer complaints.
12.2.3	Quick Dispatch Provide rapid transportation of items.	Provide a radio-equipped on-call quick dispatch service for rapid pick up and delivery of non-bulk items including, but not limited to: boxes, documentation, envelopes, equipment, etc. Pick up items from customer location and deliver to identified destination within 2 hours of receipt of request.	3,000 requests.	Quick dispatch requests completed accurately and on time.
12.2.4	Nitrogen Delivery Provide delivery of nitrogen.	Deliver liquefied nitrogen and recharge tube trailers within 4 hours of request and gaseous nitrogen within 8 hours of request. Coordinate deliveries with appropriate Facility Managers. Keep a log of location and quantity of deliveries, delivery of nitrogen to tanks/dewars, and re-charging gaseous Nitrogen Tube Trailers. NOTE: The average delivery is approximately 1,500 gallons. Tanks range from approximately 600 to 1600 gallons in size.	283,000 gallons.	Nitrogen is delivered accurately and on time.
12.2.5	Personnel Requirements Provide licensed nitrogen delivery personnel.	Nitrogen delivery personnel must have a Commercial Driver's License and be Cryovac Mechanic certified prior to delivery.		All personnel have certification or current commercial drivers license.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.3	PACKING AND SHIPPING SERVICE			
12.3.1	Packing and Shipping Service Provide Packing and Shipping services	<p>Receive all equipment and materials for shipment from the customer. Inspect all equipment, materials, and items and ensure that all NASA Control Numbers, part numbers, serial numbers, and other identification numbers correspond with the shipping document.</p> <p>Provide all packaging materials and pack, mark, label, and crate in accordance with applicable Military/Federal standards and specifications, local and state regulations and NASA Directives including, but not limited to: **NPG 6000.1, Requirements For Packaging, Handling, and Transportation For Aeronautical and Space Systems, Equipment, and Associated Components, **NPG 6200.1 NASA Transportation and General Traffic Management and commercial standards. Label packages as appropriate (NASA Critical Space Item, Fragile, Magnetic Tape, Handle With Care, etc.).</p> <p>Prepare a **JSC Form 105, Packing List as appropriate. The packing list shall contain, but not be limited to: voucher number or equivalent, package number, type of package, packing code, invoice or serial number, item number, quantity, description, package dimensions, package cube (feet), and package weight (pounds).</p> <p>Load, secure and obtain proper receipt of all shipments tendered to carriers shipped from *JSC.</p> <p>The Contractor will conduct scheduled runs between the Packing and Shipping Department and the Transportation *TMR to drop off/pickup-shipping documents.</p> <p>NOTE: There are approximately 7 runs per day, but they may increase/decrease based on workload.</p> <p>Maintain a daily Outbound Shipment and Detention Log and provide the log to the Transportation *TMR for review upon request. This log shall include, but not be limited to: date issued, date shipping document received, required due date if stated, date processed, date shipped, carrier and mode, carrier arrival date and time, loading time started, load completion time, freight bill number, voucher number, Government Bill of Lading (GBL) if provided, number of pieces and weight of the shipment, shipment destination, detention, and reason for detention.</p>	See below	See below

Accurate and current within one day.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.3.2	Prepare Shipments Package, prepare, and ship routine, priority and hazardous shipments	<p><u>Routine Shipments:</u> Pickup shipments from customer's locations if requested and properly package and prepare all routine shipments within 4 *workdays of receipt. Routine shipments are those shipments that do not have a "Date Required Destination" stated on the shipping document. Ensure appropriate protection of the shipment during handling and transport.</p> <p><u>Priority Shipments:</u> Pickup shipments from customer's locations if requested and properly package and prepare priority shipments to meet the "Date Required Destination" stated on the shipping document. Ensure appropriate protection of the shipment during handling and transport.</p> <p><u>Hazardous Shipments:</u> Pickup shipments from customer's locations if requested and properly package and prepare hazardous materials for shipment. Ensure that all shipments are packed, marked, labeled, and documented in accordance with the applicable domestic or international hazardous materials regulations. Prepare a **Hazardous Materials Packaging Checklist, JSC Form 582 (for air transportation) or **JSC Form 582A (for surface transportation), for each hazard being shipped. Ensure appropriate protection of the shipment during handling and transport.</p>	<p>4,500 shipments</p> <p>6,500 shipments</p> <p>200 shipments</p>	<p>Safely, no damage, accurately and on time.</p> <p>Safely, no damage, accurately and on time.</p> <p>Safely, no damage, accurately and on time.</p>
12.3.3	Vehicle Load Plans Prepare vehicle load plans	Prepare load plans for all full vehicle loads and over-dimensional loads. The load plan shall include, but not be limited to: a diagram that shows the planned location of the freight, dimensions, weight, tarps if required, and type of support needed to accomplish the load (rigging, forklift). Load plans shall accurately describe the location of the freight on the transport vehicle and any special information that the Transportation *TMR may need to route the freight and select a carrier (handling, equipment, etc.).	25 loads	Load plans prepared accurately and on time.
12.3.4	Delivery To/From Offsite Locations Deliver outbound and inbound shipments	Provide transportation and delivery service for outbound and inbound shipments to/from offsite locations within a 50 mile radius of **JSC . Obtain the consignee's signature and current date on the associated delivery document. Schedule and transport without incident of damage in accordance with the date required at the destination on the request. Ensure appropriate protection of the shipment during handling and transportation. Requests for delivery may include but are not limited to the **JSC Form 290, Shipping Document, ** JSC Form 195, Request for Shipment Of Printed Matter** DD 1149, Requisition and Invoice/Shipping Document or e-mail delivery requests from the Government.	300 shipments	Safely, no damage, accurately and on time.
12.3.5	Personnel Requirements	NOTE: The size of these shipments is generally small enough for 1 or 2 people to handle. Provide personnel who meet the following education or experience criteria.	See below	

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.3.5.1	Packaging Personnel Provide qualified packing and shipping personnel	<p><u>General Packaging Personnel:</u> Provide personnel who have a minimum of 2 years experience in commercial freight packaging for all modes of transport. Provide documented evidence of personnel experience.</p> <p><u>Hazardous Material Personnel:</u> Ensure that only personnel trained in accordance with Subpart H of Part 172 in Title 49, Code of Federal Regulations (CFR) prepare shipments containing hazardous materials. Only these personnel shall be authorized to sign the Shippers Certification or Shippers Declaration. Submit copies of hazardous material training certificates to the Transportation *TMR as they are updated.</p>	<p>Contractor determined</p> <p>Contractor determined</p>	<p>Personnel training and compliance records accurate and up to date.</p> <p>Personnel training and compliance records accurate and up to date.</p>
12.3.6	Records, Reports, and Submittals	See CLIN 1.1.4	See below	See below
12.3.6.1	Monthly Production Report Prepare a monthly production report	Prepare a Monthly Production Report that reflects the number of routine, priority and hazardous material shipments. It must also include, but not be limited to: the number of vehicle load plans, the number of pickups and the number of deliveries to/from offsite locations. Provide the report to the Transportation *TMR by the end of core duty hours on the 2nd *workday of each month.	12 reports	Report submitted accurately and on time.
12.4	RIGGING AND HEAVY HAULING SERVICE			
12.4.1	Rigging Support Provide rigging and heavy hauling services to safely move all articles	<p>a) Provide support for Priority 1 Work Order</p> <p>b) Provide support for Priority 2 Work Order</p> <p>c) Provide support for General Work Order</p> <p>Before each work order is accomplished the Contractor must accurately verify the following requirements necessary to accomplish the work:</p> <ol style="list-style-type: none"> 1) description of the task 2) location where the task is to be performed 3) whether lift is critical or non-critical 4) characteristics of the items to be moved or lifted (such as weight or dimensions) 5) any facility restrictions that may be in effect 6) points of contact of organization requesting work 	<p>5 priority 1</p> <p>300 priority 2</p> <p>400 general</p>	<p>Accurate, on time, and safely.</p> <p>Accurate, on time, and safely.</p> <p>Accurate, on time, and safely.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>7) time frame to complete task</p> <p>Provide lift plans in accordance with **JPG 1700.1H, JSC Safety & Health Handbook, **NSS/GO 1740.9, NASA Safety Standard for Lifting Devices and Equipment, and **JSC 28070, JSC Certification Guide.</p> <p>NOTE: Critical lifts are defined in **NSS/GO 1740.9.</p> <p>Coordinate civilian police escorts when required by City, County, State, or NASA organizations. Coordinate JSC Security when hauling oversize loads to and from *JSC. Secure all permits necessary for oversize loads when required by City, County, and State in sufficient time to preclude delays.</p> <p>Survey route before hauling oversize or overweight loads to ensure overhead clearance from traffic and electrical lines. If clearance is not sufficient, coordinate to have support required to accomplish this task. Provide this information to the Transportation *TMR 5 days prior to the scheduled move date, unless a fewer number of calendar days is agreed on by both the Contractor and the Transportation *TMR.</p> <p>Provide assistance in the assembly and disassembly, installation and dismantling, placement, and removal of equipment to include the installing and removal of fasteners (bolts, screws, etc.) when requested by customer.</p>		
12.4.2	<p>Load Tests</p> <p>Provide proof load tests, rated load tests, and operational tests.</p>	<p>Comply with the **NSS/GO 1740.9, NASA Safety Standard for Lifting Devices and Equipment, **JSC 28070, JSC Certification Guide, and **JPG 1700.1H, JSC Safety & Health Handbook.</p> <p>a) Complete load tests at customer's request for Priority 2 support.</p> <p>b) Schedule and complete load tests for general support.</p>	<p>200 tests</p> <p>400 tests</p>	<p>On time and safely.</p> <p>On time and safely.</p>
12.4.3	<p>Lifting Equipment Listing</p> <p>Maintain spreadsheet of lifting equipment.</p>	<p>Maintain a spreadsheet of all Government-owned material lifting and handling equipment and lifting components certified for material lifting and handling.</p>	<p>1 spreadsheet</p>	<p>Maintain accurately and up to date.</p>
12.4.4	<p>Personnel Requirements</p> <p>Provide personnel that meet the requirements set forth.</p>	<p>Provide operating engineers (crane operators) with 5 years of recent continuing experience and a record of safety in the operations of mobile and fixed cranes. Provide truck drivers with 5 years recent continuing experience driving tractor-trailer rigs and other smaller trucks and a driving record free of major offenses for the past 3 years. Provide riggers (oiler, flagman, etc.) with 5 years recent experience in performing rigging duties. (See CLIN 1.13.4)</p>		
12.5	<p>DRIVER SERVICES AND VEHICLE OPERATIONS</p>			

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.5.1	Driver Services Provide driver services	Provide driver services to support JSC in the movement of personnel.	See below.	Safe, on time, and courteous service.
12.5.2	Vehicle Drivers Provide drivers to operate Government vehicles	<p>a. Provide drivers on an as-needed basis to drive buses, sedans, station wagons, vans, pickup trucks, and other such vehicles provided by the Government when required to support special request requirements of JSC. Times and dates of pick up, number of passengers, identified route(s), and point-of-contact will be provided to the Contractor. Be at the identified location 10 minutes prior to the time requested by the customer.</p> <p>Assure that the vehicle to be used is cleaned, inside and out, and the gasoline, oil, fluid levels, and tires are serviced prior to use.</p> <p>b. Provide the total number of passengers transported and the total number of requests for the previous month to the Transportation *TMR by the third *workday of each month.</p>	500 requests	Safe, on time, and courteous service
12.5.3	Vehicle Administrative Operations Provide vehicle administrative support	<p>Support operations in the Vehicle Office. Support provided shall include, but not be limited to: maintaining the JSC Vehicle Fleet Database; maintaining and updating electronic and hard copy files; generating various reports as required; and issuing vehicles as needed.</p> <p>NOTE: Interface with the General Services Administration (GSA)/Fleet Management Center (FMC), Houston, personnel to resolve vehicle issues that shall include, but not be limited to: vehicle mileage, replacement vehicles, overdue preventive maintenance, and GSA policies and procedures.</p>	See below.	Professional, courteous, accurate, and on time.
12.5.3.1	Vehicle Keys Maintain extra set of keys for all Government vehicles	<p>Maintain extra sets of ignition and entry keys for all Government vehicles. Mark keys individually for each vehicle and file by the license plate numbers. Maintain an additional set of keys for those vehicles designated for Hurricane Emergency Preparedness, and file separately. Provide keys to the Transportation *TMR for Hurricane Response. Ensure that keys for vehicles turned in or replaced are turned in to GSA/FMC, Houston, as required.</p> <p>NOTE: These spare keys are for the Government vehicles in the vicinity of *JSC.</p>	150 keys	Readily accessible and accurate.
12.5.3.2	Vehicle Credit Cards Maintain JSC vehicle fleet credit cards	Notify GSA/FMC, Houston, when JSC vehicle fleet credit card needs replacing. Contact and give to vehicle user when replacement credit card is received from GSA/FMC. Send card that was replaced to GSA/FMC.	107 cards	On time and accurate.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.5.3.3	Report of Accidents Ensure accidents are reported	Notify the Transportation *TMR and instruct user to contact the GSA Accident Control Center (ACC), Kansas City, Missouri, their supervisor, and official law enforcement authorities immediately. Obtain a copy of the **SF91, Vehicle Accident Report, **SF94, Statement of Witness, police report, and vehicle repair estimate.	10 reports	On time and accurate.
12.5.3.4	Vehicle Safety Recalls Notify user of vehicle safety recalls	Ensure that the vehicle user receives a copy of the Vehicle Safety Recall notification issued by the vehicle manufacturer within 5 days of receipt. Obtain and file a copy of the corrective repair from vehicle user.	4 notices	On time and accurate.
12.5.3.5	Daily Vehicle Dispatch Sheets Receive and file Daily Vehicle Dispatch sheets	Receive and file the monthly **JSC Form 515, Daily Vehicle Dispatch sheets submitted from all vehicle user organizations by the 15 th of the month. In the event an organization has not provided their monthly dispatch sheets by the 15 th , contact the respective organization and request the delinquent dispatch sheets be provided within 5 *workdays. NOTE: Dispatch sheets are received from organizational usage of approximately 275 vehicles per month, which are under *JSC management, however, some vehicles are located in other states.	12 months	On time and accurate.
12.5.3.6	Vehicle Support Issue Government pool vehicles	a. Process requests received from JSC civil service and Contractor personnel (other than COSS Contractor) either verbally or by electronic means, for the use of Government vehicles to support in-house requirements. Information required from the requestor will include, but not be limited to: requesting organization code, requestor, requestor's phone number, purpose for vehicle requirement, type (passenger or cargo) of vehicle required, timeframe that the vehicle will be required, and date and time the vehicle needs to be made available for pick up. Evaluate the justification for the request and respond accordingly to the request (provide confirmation of approval/disapproval to the requestor). Receive requests and schedule requirements within 30 minutes of notification.	550 requests	On time and accurate.
		b. Maintain and update reservations calendar, reflecting requests. Calendar will include, but not be limited to: requestor's name, organization code, phone number, purpose for vehicle requirement, and type of vehicle to be issued.	1 calendar	On time and accurate.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.5.3.7	Full-Time Vehicles Process requests for full-time vehicle assignments	<p>a. Receive **JSC Form 971, Justification/Rejustification Full Time Vehicle Assignment, for Government vehicle and initiate cover letter to Transportation *TMR for approval/disapproval. Review letter and **JSC Form 971, Justification/Rejustification Full Time Vehicle Assignment, by the Transportation *TMR for signature. Upon approval/disapproval, notify the requestor that the request has been disapproved or, initiate letter to GSA/FMC, Houston, requesting the assignment of an additional vehicle for the Transportation *TMR's signature. Receive and process **JSC Form 971, Justification/Rejustification Full Time Vehicle Assignment, within 1 *workday.</p> <p>b. Process **JSC Form 971's, Justification/Rejustification Full Time Vehicle Assignment, received for rejustification on all Government vehicles from user organizations. Compile a summary of the vehicles for approval/disapproval for the Transportation *TMR. Upon approval/disapproval prepare a letter to the vehicle user organization stating that rejustification has been approved/disapproved and forward to the Transportation *TMR within 1 *workday.</p> <p>Maintain a permanent file of all completed Justification/Rejustification Full Time Vehicle Assignment requests.</p> <p>NOTE: Rejustifications are done triennially. The first is performed in 2003 and the second in 2006.</p>	<p>10 Justification requests</p> <p>275 requests triennially</p>	<p>On time and accurate.</p> <p>On time and accurate.</p>
12.5.3.8	JSC Vehicle Fleet Database Maintain and update JSC Vehicle Fleet Database	Maintain and update the JSC Vehicle Fleet Database as changes in the vehicle fleet occur. Entries to the JSC Vehicle Fleet Database will include, but not be limited to: mileage, vehicle additions, replacements, and deletions, vehicle cost data, vehicle descriptions, users, and repair and maintenance information	Daily	On time and accurate.
12.5.3.9	Vehicle Preventive Maintenance Ensure vehicle preventive maintenance (PM) is accomplished	Notify vehicle users of the PM due on vehicles assigned to them within 2 *workdays of receiving **GSA Form 3478, Motor Vehicle Service Authorization from GSA. Forward notification cards to the respective vehicle user. Provide the vehicle user with a listing of current service or repair facilities where the PM is to be performed. Upon receipt of **GSA Form 3478, Motor Vehicle Service Authorization , from the user after the PM is completed, forward to the GSA/FMC, Houston.	300 notifications	On time and accurate.
12.5.3.10	Pool Vehicles, Preventive Maintenance, Servicing, and Replacement Ensure pool vehicles maintenance, servicing, and replacement	Transport pool vehicles to local facilities for preventive maintenance, repairs, and/or vehicle replacement within 2 *workdays.	120 vehicles	Safe and on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.5.3.11	Vehicle Emissions Inspections Ensure vehicle emissions inspections are performed	Generate and distribute notifications to all civil service and Contractor vehicle users to have vehicle emissions inspections performed on all Government vehicles which are 2 years and older. Direct vehicle users to designated commercial facilities to have the inspections performed. Collect printout results of the emissions inspection from the user and forward the printouts to GSA/FMC, Houston. Maintain a copy of the test results in file for 2 years NOTE: This is accomplished in November and December.	100 notices	On time and accurate.
12.5.4	Special Event Transportation Arrange ground transportation to support special events	Arrange all ground transportation with commercial transportation companies, which will include, but not be limited to 55-passenger coach buses, 21-passenger mini buses, rental cars, and golf carts to support special events at *JSC and other locations. NOTE: The Government will lease the necessary transportation vehicles via government credit card.	8 requests	On time and accurate.
12.5.5	Records, Reports, and Submittals Prepare reports for submission to the Transportation *TMR	Prepare and submit reports as listed below. Reports include, but are not limited to:	See below	On time and accurate.
12.5.5.1	JSC Vehicle Mileage Report	Receive and enter vehicle mileage submitted from vehicle user organizations into the JSC Vehicle Fleet Database. In the event mileage for vehicle usage is not received by the 15 th of the month, contact the respective organizations and obtain the associated mileage. Upon finalizing the monthly update, generate the **JSC Vehicle Mileage Report and furnish one copy to the Transportation *TMR by the 20 th of each month. Furnish an additional copy of the report to the Emergency Operation Center during Hurricane Season (June-November). NOTE: Vehicle mileages are received from organizational usage of approximately 275 vehicles per month. These 275 vehicles are under *JSC management but some are located in other states.	12 reports	See above.
12.5.5.2	Federal Automotive Statistical Tool (FAST) Report	Prepare the **Federal Automotive Statistical Tool (FAST) Report and submit to the Transportation *TMR by November 1 st .	1 report.	See above.
12.5.5.3	Alternative Transportation Fuel and Alternative Vehicles Survey, Energy Information Agency Survey Report	Prepare the **Alternative Transportation Fuel and Alternative Vehicles Survey, Energy Information Agency Survey Report and submit to the Transportation *TMR by March 20 th .	1 report.	See above.
12.5.5.4	Alternative Fuel Vehicle Acquisition Report	Prepare the **Alternative Fuel Vehicle Acquisition Report and submit to the Transportation *TMR by July 30 th .	1 report.	See above.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.5.5.5	Agency Reporting of Motor Vehicle Data for Budget Submission Report, Office of Management and Budget (OMB) Report	Prepare the **Agency Reporting of Motor Vehicle Data for Budget Submission Report, Office of Management and Budget (OMB) Report and submit to the Transportation *TMR by July 30 th .	1 report.	See above.
12.5.5.6	General Purpose Vehicle Accident Report	Prepare the **General Purpose Vehicle Accident Report and submit to the Transportation *TMR by September 30 th and March 30 th .	2 reports	See above.
12.5.5.7	OIG Audit Response (General Purpose) Vehicle Cost Savings Summary Report	Prepare the **OIG Audit Response-(General Purpose) Vehicle Cost Savings Summary Report and submit to the Transportation *TMR by September 15 th and March 15 th .	2 reports	See above.
12.5.5.8	Vehicle Cost Per Mile Metrics Report	Prepare the **Vehicle Cost Per Mile Metrics Report and submit to the Transportation *TMR by January 30 th , April 30 th , July 30 th , and October 30 th .	4 reports	See above.
12.5.5.9	Vehicle Fleet Mileage Express Report	Prepare the **Vehicle Fleet Mileage Express Report and submit to the Transportation *TMR by the 15 th of each month.	12 reports	See above.
12.5.5.10	OPAC Report	Prepare the **OPAC Report and submit to the Transportation *TMR by the last day of each month.	12 reports	See above.
12.5.5.11	Vehicle Statistical Report	Prepare the **Vehicle Statistical Report and submit to the Transportation *TMR by the 5 th of each month.	12 reports	See above.
		NOTE: See TRL for copies of the above reports.		
12.5.5.12	One-Time/New Reports	One-Time/New Reports Generate one-time reports, new reports as required on short notice by the Transportation *TMR, JSC, NASA, GSA/FMC, Energy Information Agency, Office of the Inspector General, or the Department of Transportation.	5 reports	On time and accurate.
12.5.6	Personnel Requirements Provide vehicle-licensed personnel	Ensure Contractor personnel have the proper valid Texas State commercial driver's licenses, with all proper endorsements, including passenger endorsement (P-Passenger), to operate and/or drive the required vehicles to perform the duties.	Contractor determined	Accurate and current.
12.6	RECEIVE/DELIVER INBOUND FREIGHT			

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.6.1	Receive/Deliver Inbound Freight Maintain inbound freight database, perform receipt, incheckers inspection, content inspection, and delivery of inbound freight	<p>Provide for the complete process of receiving, processing, and delivering any type of freight shipments. The entire process will be costed once per shipment. Receive all inbound freight shipments consigned to NASA JSC. Perform initial receipt, in-checking inspection, content inspection, and process all transportation documentation. Ensure that all items received are delivered directly to the customer at the appropriate building and room number. Personnel locator is provided on JSC Home Page. Comply with all special handling instructions. Examples of items requiring special handling include, but are not limited to: explosives, hazardous material, refrigerated items, radioactive items, medical items or drugs.</p> <p>Receiving and delivery service may be required during times other than the previously designated hours of operation. An example would be Shuttle mission film deliveries to and from area airports. Average monthly overtime requirement is 8 hours.</p> <p>Provide local airport pickup and delivery of freight consigned to NASA JSC, when notified by the Transportation *TMR. Pay terminal handling fee to airline when required.</p> <p>NOTE: In the past, this terminal handling fee has been \$15. Approximately 10 shipments of the previously identified 27,000 have been airport pickups.</p>	27,000 shipments	On time, accurate, with no damage or mishandling.
		<p>a. Maintain inbound freight database.</p> <p>Maintain and operate a computerized database of all inbound freight. The database shall be updated within 1 work hour of any package movement. Fields required for this database shall contain, but not be limited to: sequential control number, date and time of receipt, shipper name, city, state, country, carrier name, priority, count of pieces received, weight of shipment, commercial bill number, Government Bill of Lading (GBL) number, type receipt, disposition, disposition date, general commodity, mark for name, including building and room, in-checker name, claim information, current location of freight, inspector's initials, date and time staged, date and time restaged, date and time put on truck, driver's initials, date and time delivered or closed, document numbers associated with receipt, and remarks.</p>	See above	Accurate, time with continuous tracking and cross-reference data between control number and freight.
		<p>The database shall have barcode, sort, and report capability, assign sequential control numbers to each shipment, and provide continuous tracking during entire receipt and delivery process.</p> <p>For purposes of this CLIN, a single data entry transaction shall include the initial data entry of a shipment received, plus all future updates to that data entry.</p>	See above	See above.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>For purposes of this CLIN, receipt type shall indicate the following types of receipts: GBL, vendor deliveries, Government air, handcarries, mail, prepaid, collect, downtown pickups, voids, misdirected shipments.</p> <p>The database shall be capable of creating the following reports: **Daily Log Report and various monthly statistical reports required by the Transportation *TMR. Fiscal year calendar will be used for this database and all reports. Weekly reports shall be Monday through Friday. Provide Monthly Statistical report by 3rd working day of each month for the previous month's activity.</p> <p>Print **JSC Form 769, Delivery Receipt, and attach to material sent directly to customer; print Hold Notice for frustrated freight; and print Call Notice for items requiring inspection. <u>Thoroughly research all frustrated freight shipments received and identify the recipient for proper delivery.</u></p> <p><u>NOTE: Approximately 1750 receipts per year are frustrated freight. Approximately half of these are resolved the same day.</u></p>	See above	<p>Accurate and on time.</p> <p>Formatted</p> <p>Formatted</p> <p>Formatted</p>
		<p>Respond to calls requesting status of inbound freight within 30 minutes.</p>	See above	<p>Accurate and on time</p>
		<p>b. Perform receipt, in-checkers inspection, and content inspection of inbound freight. <u>Shipments requiring payment (defrayed shipments) on delivery are to be refused. The COSS contractor shall inform the carrier to bill JSC for defrayed shipments.</u></p>	See above	<p>Accurate, on time, safely, with no damage or mishandling.</p> <p>Formatted</p>
		<p>Unload, perform the receipt and in-checking inspection for large, unique, hazardous, or delicate shipments at the ultimate point of usage or storage within 2 hours of initial receipt. Provide transportation and/or rigging support as required.</p> <p>Inspect the contents of all inbound freight shipments except when the shipment is documents or other printed matter, when the shipment paperwork indicates otherwise, when requested by the customer, or when the shipment is sealed flight hardware.</p>		
		<p>Process freight claims in accordance with Code of Federal Regulations, Title 41, Chapter. 101-40.7, Reporting and Adjusting Discrepancies in Government Shipments. Record and resolve discrepancies in quantity or condition of freight. Assign claim number and prepare two claim folders, containing **JSC Form 2121, In-Checker's Discrepancy Statement (or something similar), inspector's description of concealed damages, photos showing damage, and **SF361, Transportation Discrepancy Report.</p>	See above	<p>Accurate, on time, and current.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>Contractor will maintain one claim folder, and the second claim folder will be delivered to the Transportation *TMR. Each Monday the Contractor will provide the following information to the Transportation *TMR:</p> <p>All claim folders initiated the previous week; the updated status of all claims which have not been closed; and justification for all claim folders closed the previous week. This information should include, but is not limited to, claim number, purchase request (PR) number, GBL number, commercial freight bill number, date received, date discrepancy discovered, carrier, value of damage or shortage, Free on Board (FOB) point as stated on PR, nature of discrepancy, and remarks, to include latest actions, or date the claim was closed and resolution.</p>		
		X-Ray and screen packages for destructive devices and contraband material. Notify JSC Security immediately of detection of any anomalies.	See above	Accurate, on time, with no damage or mishandling.
		Weigh bulk gases on calibrated scale upon arrival and again after delivery to location. Obtain weight ticket generated by the scale, recording the beginning and ending weight and attach both weight tickets to front of the receiving document.	See above	Accurate, on time, with no damage or mishandling.
		Immediately upon receipt, isolate all Communication Security (COMSEC) equipment and notify the COMSEC account manager.	See above	Accurate and on time.
		NOTE: COMSEC account manager will provide Contractor an advance notification of incoming COMSEC equipment, whenever possible.		
		Upon arrival, escort Class A and B explosive shipments to consignee area to process and offload within 30 minutes of arrival. Class C explosives will be offloaded and processed at the main receiving facility and delivered within 4 work hours. Store Class C explosives in an explosive container until delivered to the consignee.	See above	Accurate, on time, with no damage, mishandling, or improper storage.
		NOTE: About 60 shipments of the identified 27,000 shipment total of explosives per year, but 90 percent of those are Class C.		
		Receive lithium batteries in accordance with **JSC Document 18661, Safety Requirements and Procedures for Handling and Disposal of Lithium Cells/Batteries . Maintain a copy of this document in the receiving area. Receipt, processing, storage, and delivery of lithium batteries to occur within 4 work hours.	See above	Accurate, on time, with no damage, mishandling, or improper storage.
		Precious metals shall be placed in a Government designated location from time of receipt until delivery. Immediately after inspection, notify Security for escort of the delivery. Complete process within 4 work hours of receipt.	See above	Accurate, on time, with no damage, or lack of constant surveillance.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		Notify the recipient for pick up of personal items obtained with personal funds. Attach a memo provided by the Supply and Equipment Management Officer (SEMO) regarding deliveries of personal property. Notify recipient of personal items within 3 *workdays of receipt.	See above	Accurate, on time, with no damage or mishandling.
		Notify JSC Drug Control Officer within 4 hours of receipt for the pickup of medical items or drugs. Store material in a secure location until it is picked up by the JSC Drug Control Officer.	See above	Accurate, on time, with no damage or unsecured storage.
		Notify JSC Radiation Safety Officer within 1 hour of any radioactive receipts. Store material in government provided refrigerator designated for radioactive material, where it shall remain until pick up by the JSC Radiation Safety Officer.	See above	Accurate, on time, with no damage or improperly stored material.
		Maintain original freight bills and other receiving documentation (with attachments). Return all original GBL's to the carrier; do not write on originals. A separate folder is required for each day's receipts, and a **Daily Log Report shall be included in each folder.	See above	Maintain file accurately.
		For supply items (stores stock, critical spares), enter all receipts in NASA Supply Management System (NSMS) on the same day as identified as a supply item, suspending all discrepancies including, but not limited to: damages, overages, shortages, etc., upon discovery, and adequately explain cause of discrepancy. When discrepancy is corrected, process receipt in NSMS. Resolve suspended receipts within 2 days. Warehouse supply items safety and securely ensuring easy identification and accessibility.	See above	Accurate, on time, with no damage, mishandling, or improper storage.
		NOTE: The Contractor can expect approximately 1,400 supply items (of the identified 27,000 total shipments).		
		Gas cylinders are delivered direct to gas cylinder storage area. Inspection of gas cylinders includes, but is not limited to, accurate color-coding, industry standard label listing the contents, cylinder cap is in place and secure, and there are no leaks. Enter serial number and other data in bar code scanner and print bar code label and affix on cylinders prior to storage or delivery.	See above	Nothing additional.
		NOTE: Contractor can expect approximately 850 gas cylinder receipts (of the identified 27,000 total shipments).		

Deleted: , flight hardware

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		Gas cylinders not requiring lab analysis shall be delivered directly to stock or customer's location on same day of receipt. Segregate gas cylinders and coordinate with the Environmental Health Laboratory (EHL) for scheduling and transportation of cylinders containing breathing air, Aviation Breathing Oxygen (ABO), Nitrogen and any others specified on **JSC Form 1313, Attachment No. 1, Quality Purchase Order Addendum for Fluids Procurement , to the EHL for testing and acceptance on same day received. If cylinder is not accepted, contact the vendor for exchange or return and transport to the cylinder storage area on same day.	See above	Nothing additional.
		Process receipts in NSMS under specific ownership code for electronically segregating cylinders. These codes include, but are not limited to, JB for gases that are delivered to stock or direct delivery to customer, GL for gases that are at the lab for testing, GP for gases pending going to the lab for testing, and GR for gases that failed testing (rejects). Warehouse supply items safely and securely ensuring easy identification and accessibility.	See above	Nothing additional.
		For processing equipment items, assign Debit voucher (D-voucher) number to source document and determine tagging criteria per **NPG 4200.1, NASA Equipment Management Manual . NOTE: Source document may contain multiple equipment items for processing. Source documents include, but are not limited to: **DD Form 1149, Requisition and Invoice/Shipping Document , **JSC Form 290, Shipping Document , and **DD Form 250, Material Inspection and Receiving Report .	See above	Accurate and on time.
		If equipment meets Equipment Control Number (ECN) tagging criteria per **NPG 4200.1, NASA Equipment Management Manual : 1) Assign ECN and place tag on equipment. 2) Complete **JSC Form 122, NEMS Control Transmittal . 3) Input into NEMS database by the close of business the next *workday . If equipment does not meet ECN tagging criteria: 1) Stamp source document with "Does Not Meet Criteria" (DNMC) stamp. 2) Place a **NASA Form 1517, Property US Government Decal on the equipment. 3) Annotate "DECAL" on source document. If equipment is delivered directly to customer's location, stamp original source document indicating reason and forward to Equipment *TMR .	See above	Accurate and on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		Every source document must be stamped in red with "Original Voucher Copy." Track all ECN's using data indicated in **D-Voucher Log Report , along with a copy of the source documents and forward previous month's log and the copy of the source document to the Equipment *TMR by the 10 th of each month. Handcarry original source document and **JSC Form 122, NEMS Control Transmittal to Equipment *TMR daily.		
		Provide calibration and state certifications of truck scale (provided by Government) as required. The Contractor is required to provide annual certification of the truck scale.	Annually	Accurate and on time.
		c. Delivery of inbound freight.	See above	Accurate, on time, with no damage or mishandling.
		1. Priority items received by 11:00 a.m., which do not require inspection, shall be delivered to the customer on same day as received; items arriving after 11:00 a.m. shall be delivered no later than noon of the next *workday .		
		NOTE: Contractor can expect approximately 7,600 shipments.		
		2. Priority items requiring inspection shall be delivered to the customer within 1 *workday of initial receipt.		
		NOTE: Contractor can expect approximately 500 shipments.		
		3. Non-priority items, not requiring inspection, shall be delivered by close of business next *workday .		
		NOTE: Contractor can expect approximately 10,300 shipments.		
		4. All other inbound freight/packages requiring inspection shall be delivered within 2 *workdays of initial receipt. (Personal items must be picked up, not delivered.)		
		NOTE: Contractor can expect approximately 6,200 shipments.		
		5. Flight hardware shall be delivered to the appropriate bonded storage room within 4 hours of initial receipt.		
		NOTE: Contractor can expect approximately 1,000 shipments.		
		6. Work stoppage items will be processed upon customer request. Deliver within 2 hours of request or receipt of item. When inspection is required, deliver within 4 hours of request or receipt of item.		
		NOTE: Contractor can expect approximately 1,400 shipments.		

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
12.6.2	Personnel Requirements	<p>Receiving Personnel: Provide personnel who have a minimum of 2 years experience in receiving commercial freight from all modes of transport. Provide documented evidence of personnel experience to the Transportation *TMR.</p> <p>At start of contract, and annually thereafter, submit a request for SEMO authorization of personnel certified by the Contractor to act as receiving agents for the Government. This request shall include a statement certifying that they have been trained, tested, and found proficient in inchecking, inspecting, and the initiation and completion of proper documentation necessary in the receipt of JSC freight shipments. Include signatures of those personnel on the list, and provide updates to reflect newly authorized receiving agents, prior to allowing them to sign for freight.</p> <p>Personnel who will operate the x-ray-screening machine must be trained before using. Contractor must provide refresher training semi-annually. Minimum scores must be achieved on computer-based training for x-ray screening equipment. Provide Transportation *TMR documented evidence of test scores achieved by Contractor personnel.</p>	Contractor determined	<p>Personnel training records accurate and current.</p> <p>Accurate and on time initial list and updates.</p> <p>Training provided semi-annually. Minimum scores must be achieved.</p>

Receive/Deliver Inbound Freight Process

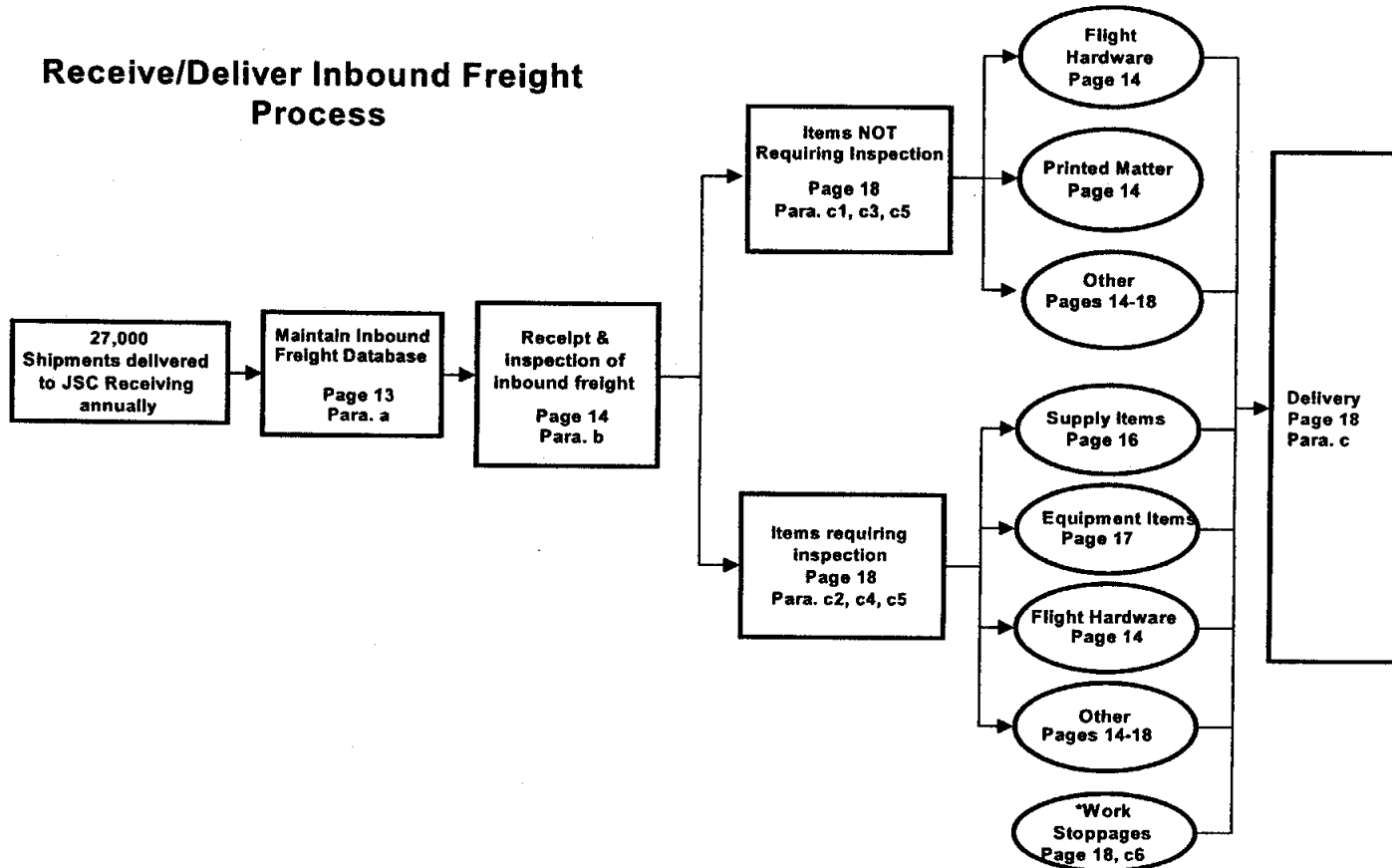


Chart 12.6 -1

***Note:** Work stoppages can include any of the items shown above.

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**ANNEX 14
CUSTODIAL**

14.0 CUSTODIAL

14.1 General Information

14.1.1 Annex Description

This Annex identifies custodial support services at *JSC. This Annex is divided into two service categories, basic and periodic.

14.1.2 Hours of Operation

The Contractor shall schedule and arrange work to cause the least interference with the normal occurrence of Government business. In those cases where some interference is unavoidable, the Contractor shall make every effort to minimize the impact of the interference, inconvenience, customer discomfort, etc.

Hours of operation for performance of basic services are 5:30 a.m. to 5:30 p.m., Monday through Friday. The Contractor is permitted to perform contract line items (CLINs) 14.2.1, 14.2.2 and 14.2.4 (when not performed in conjunction with 14.2.9), 14.2.5, 14.2.7, 14.2.8, 14.2.10, 14.2.11, 14.2.12, 14.2.14, 14.3.2, and 14.3.4 between the hours of 5:30 a.m. and 5:30 p.m. The Contractor is required to perform CLINs 14.2.2 and 14.2.4 (when performed in conjunction with 14.2.9), 14.2.6, and 14.2.9, between the hours of 5:30 a.m. and 7:30 a.m. The Contractor is required to perform CLINs 14.3.1, 14.3.3, 14.3.5, and 14.3.6 between 5:30 p.m. and 5:30 a.m. The Contractor is required to perform CLIN 14.3.8 between 5:30 p.m. and 5:30 a.m., or preferably on weekends. If the Contractor desires to perform work outside the hours of operation listed, or on Saturdays, Sundays, or holidays, prior approval shall be obtained from the Custodial Technical Management Representative (*TMR).

Access to certain offices and buildings may be restricted. The Contractor shall notify the Government Facility Manager and Security personnel in advance for access.

14.1.3 Specific Task

Area types as they relate to this contract and the ****Custodial Database Master Report** are noted in Paragraph 14.1.6. (See Section J, Attachment P, Exhibits P-1 through P-5, for miscellaneous requirements and tasks that apply to this annex.)

14.1.4 Frequencies of Service and Codes

When a service is required less than three times per week and the time for that service falls on a holiday, the service shall be accomplished on the workday preceding or following the holiday.

Monthly (M): Services performed 12 times during each 12-month period of the contract at intervals of 28 to 31 days.

Semimonthly (2M): Services performed 24 times during each 12-month period of the contract at intervals of 14 to 16 days.

Weekly (W): Services performed 52 times during each 12-month period of the contract at intervals of 6 to 7 days.

Two times weekly (2W): Services performed two times a week, on Tuesday and Thursday.

Three times weekly (3W): Services performed three times a week, on Monday, Wednesday, and Friday.

Daily (5W): Services performed once each calendar day, Monday through Friday, excluding holidays unless otherwise noted.

Six times weekly (6W): Services performed six times a week, once each calendar day, Monday through Saturday.

Seven times weekly (7W): Services performed seven times per week, once each calendar day, including holidays.

Eight times weekly (8W): Services performed eight times per week, once each calendar day, including holidays, with two occurrences on Saturday at intervals of not less than 4 hours apart.

Eleven times weekly (11W): Services performed eleven times a week, twice each calendar day Monday through Friday at intervals of not less than 4 hours apart, and once on Saturday.

14.1.5 Work Scheduling and Accomplishment

The Contractor shall provide an initial work schedule for basic services to the Custodial *TMR no later than 7 days after contract start. Once approved, all work shall be performed in strict compliance with the schedule. Changes to the work schedule shall be submitted for the Custodial *TMR's approval as stated in Section J, DRD AN-14.1.

During execution of the work, the Contractor shall take special care to protect all Government property including furniture, walls, baseboards, and other surfaces from materials used in a way not intended or used improperly. Accidental splashes shall be removed immediately. The Contractor shall return areas damaged as a result of work under this contract to their original condition, to include painting, refinishing, or replacement. In accomplishing floor work, the Contractor shall move or tilt chairs, trash receptacles, and other easily moved item(s) to clean (sweep, mop, vacuum, etc.) underneath. All items shall be returned to their original locations after cleaning. All solutions used for stripping, waxing, and mopping shall be removed from baseboards, furniture, trash receptacles, etc.

The Contract shall display "Wet Floor" caution signs, one sign to be placed every 30-35 feet, when cleaning floors in an area where people (other than Contractor personnel) are or shall be present before floors are dry. The signs shall be removed and stored by Contract personnel when floors are dry.

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The Contractor shall maintain for review for the *TMR a facility log book for recording customer complaints, unscheduled cleaning, lighting maintenance, interior extermination, and other tasks requested by users. This shall be accomplished as required in Section J, DRD AN-14-3.

14.1.6 Definitions

Area Type: Portions of facilities separately identified based on floor surfacing or utilization of the space identified as a particular area type and as shown on the **Custodial Database Master Report. A brief identification of each area type is provided below:

- Area 1 - Tile
- Area 2 - Carpet
- Area 3 - Restrooms
- Area 4 - Tiled Hallways/Common Areas
- Area 5 - Carpeted Hallways/Common Areas
- Area 6 - Concrete Utility Rooms
- Area 7 - Stairs, Stairwells, Ramps
- Area 8 - Concrete Areas (Other)
- Area 9 - Tiled Pedestal Floors
- Area 10 - Carpeted/Tiled Medical Offices

Basic Services: Task(s) to be done in a work area on a recurring basis, with frequencies called out in the contract line item.

Building: A named or numbered facility at *JSC including the inside area, and the outside area adjacent to the facility. The term building includes any outside waste receptacles. Outside waste receptacles will be associated with the facility nearest to the receptacles.

Clean: Free of dirt, dust, odors, marks, spots, streaks, stains, smudges, litter, trash, debris, graffiti and other residue.

Damp Mopping: Removal of light soil, dirt, liquid, or other foreign material using a cotton or similar yarn-type mop, which has been mechanically wrung/squeezed to remove excess solution. This method is often employed when the area that requires cleaning is not soiled sufficiently to require wet mopping; includes rinsing if recommended by the detergent manufacturer.

Days: For the purpose of this Annex, days represent calendar days.

Disinfecting: Removal or neutralization of material containing or supporting the growth of bacterial/viral organisms capable of causing infection in humans if untreated.

Dispenser Service: Checking and refilling with approved products all towel, toilet tissue, soap, feminine hygiene, or any other dispensers to ensure that each contains an adequate supply of the product being dispensed.

Dusting/Cleaning: Removal of bugs, cobwebs, dirt, liquid, refuse, scale, soil, stains, trash, and any other foreign material from an item, fixture, horizontal or vertical surface, or area, and may (upon Custodial *TMR direction) include the process of disinfecting.

Hand Scrubbing: Removal of built-up dirt, soil, or other foreign material from a hard floor surface using a bristle-type brush and an approved neutral detergent and water solution; includes rinsing if recommended by the detergent manufacturer.

High Efficiency Particle Arrest (HEPA) Vacuum: A vacuum designed to greatly reduce or eliminate particles through filtration or containment.

Inside Entrance Area: Area inside the exterior doors to a building, including the lobby area, but not including hallways.

Machine Mopping: Use of a mechanized scrubbing/vacuuuming machine to accomplish the same result as wet mopping for large areas, which would otherwise require extensive labor to complete in a reasonable amount of time; includes rinsing if recommended by the detergent manufacturer.

Mirror/Glass/Window Cleaning: Removal of dirt, soil, smudges, smears, or any other substance, which will interfere with the passage or reflectance of light.

OMOH: Occupational Medicine – Occupational Health, Life Sciences Directorate.

Outside Entrance Area: Area outside the exterior doors to a building, including the area in front of windows adjacent to the doors, the landing and/or porch area and steps leading to the building and breezeways.

Periodic Services: Task(s) to be done in a work area on an infrequent basis. Custodial *TMR directs task frequencies and locations.

Response Time: Response time is defined as the time allowed the Contractor after initial notification of a work requirement to be physically on the premises at the work site, with appropriate tools, equipment, and materials, ready to perform the work required.

Sealing: Application of an approved floor sealer prior to application of the final floor finish in accordance with industry standards and manufacturer recommendations.

Shampooing: Application of a cleaning agent to a carpeted floor, cloth material, or covering to remove embedded soil, dirt, stains, or other foreign materials.

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Spot Cleaning: Removal of dirt, soil, debris, liquids, stains, or other foreign materials where adequate cleanliness can be accomplished by cleaning only affected areas and where the cleaning of the entire area would not be necessary.

Spray Buffing: Application of a wax and water solution to a floor and buffing with a high speed-buffing machine to refurbish the floor finish after wet or damp mopping.

Stripping: Complete (95 percent or more) removal of the wax/finish applied to non-carpeted flooring.

Sweepers: Non-electrical sweeping devices intended for use on low pile carpet.

Sweeping: Removal of loose dirt, dust, debris, and other foreign material through either manual or mechanized methods not requiring a wet mop.

Vacuuming: Mechanical removal of loose dust, dirt, soil, debris, and other foreign material involving movement of air. Machines used for vacuuming floors shall combine rotating brushes with air movement to effectively remove loose material. HEPA vacuums shall be used in all areas where vacuuming is called for. See High Efficiency Particle Vacuuming.

Venetian Blind Cleaning: Removal of dirt, soil, lint, smudges, smears, or other foreign material from window blinds.

Waste Container: Trash receptacles, wastebaskets, trashcans, wastepaper baskets, paper towel receptacles, ashtrays, or any container holding trash, paper, or refuse of any type.

Waxing/Finishing: Application of three coats of a non-slip gloss finish to hard surfaced floors such as vinyl, rubber, cork, linoleum, terrazzo, wood, or tile. Includes buffing if manufacturer recommended.

Wet Mopping: Removal of built up dirt, soil, liquids or other foreign materials from a floor using cotton, or similar yarn-type mop with either sufficient neutral detergent and water solution, or neutral disinfecting detergent and water solution; includes rinsing if recommended by the detergent manufacturer.

14.1.7 Recycle Program

The Contractor is responsible for the recycle program for paper and cardboard, and assists in the recycling of aluminum beverage cans. Recycling programs other than noted in this Annex that the Contractor may wish to implement shall first be approved, in writing, by the CO. The Contractor may retain revenues generated by the sale of recycled materials, except aluminum cans and scrap metals. All installation and operational costs incurred by recycle programs other than noted in this Annex shall be the sole responsibility of the Contractor, unless directed and/or approved by the CO.

*JSC owns 180 recycle bins with a 250-pound capacity each, into which employees deposit white paper for recycling. The repair and or replacement of damaged bins are the responsibility of the Contractor.

The Contractor shall submit a Custodial Recyclable Material Report as required in Section J, DRD AN-14-2

14.1.8 Contractor-Furnished Items and Services

The Contractor shall ensure that all services protect the integrity of the government's property, equipment, and supplies. Contractor employee's private vehicles shall not be used to transport Government property and supplies. The Contractor shall furnish all supplies, equipment, personnel, tools, materials, supervision, and all other items and services necessary to perform all custodial services. The Contractor shall also provide any auxiliary equipment required to store and/or dispense such materials.

The Contractor shall submit a listing of all products each month as required in Section J, DRD AN-14.4.

The Custodial *TMR shall approve paper towel, soap, and toilet paper dispensers, or any other dispensing equipment prior to its installation. The dispensers currently in use at *JSC are provided by Pollock, a distributor for Georgia Pacific, with the understanding that products for those dispensers will be purchased from that company. Pollock will repair or replace any dispenser not in good working order and the Contractor shall coordinate that repair or replacement when deemed necessary by the Custodial *TMR. If the Contractor decides to purchase products from a different company, the Contractor shall be required to provide replacement dispensers at no additional charge to the Government and maintain those dispensers in good working order, including repair or replacement with equivalent equipment when deemed necessary by the Government, and at no additional expense to the Government.

No material shall be used which will scratch or etch floors, floor covering, toilet fixtures, woodwork, painted surfaces, furniture, or which will create health or safety hazards. Where the Government specifies a product, there shall be no deviation or substitution without Custodial *TMR approval. The Government reserves the right to approve or disapprove any product. All products with a Material Safety Data Sheet (MSDS) requirement must have a copy of the MSDS on file with the OMOH contractor, who will assign a JSC MSDS number.

Vacuum cleaners for carpeted floors shall be of industrial quality with a motor driven brush and beater-bar.

HEPA vacuum cleaners that are consistent with JSC and Occupational Safety Health Administration (OSHA) regulations shall be used in all areas where vacuuming is called for. The Contractor shall service the HEPA vacuum cleaners in strict compliance with manufacturer specifications, OSHA/JSC environmental guidelines and regulations at no cost to the Government. Service shall include,

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but not be limited to, filter element replacement, checking all parts and ensuring the vacuum operates properly. Maintain/repair as necessary.

The Contractor shall furnish supplies, materials, etc., based on a site population of approximately 13,000 to 14,000. Samples of supplies, materials, etc., shall be submitted to the Custodial *TMR for approval prior to contract start and whenever a change occurs. Supplies, materials, etc., shall meet or exceed the quality of the items used immediately before contract start.

All electrical equipment used by the Contractor shall meet all applicable safety requirements. This shall include either the use of Ground Fault Circuit Interrupters (GFCI) and/or a wiring inspection program to ensure the integrity of ground pins, grounding continuity, strain relief, and the insulation integrity of plugs and cords. This equipment must operate at full rate performance levels using existing building circuits. GFCI power block cords shall be used each time a piece of electrical equipment is used.

The Contractor shall furnish plastic waste container liners of adequate quality (strength) and size to protect each waste container. Liners shall ensure no spillage or leakage occurs between the time trash is initially deposited until it is properly removed from any *JSC building and is properly disposed of as solid waste.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
14.2	Basic Services	Perform basic services at the frequencies indicated on each line item. Move all chairs, waste containers, or easily moved items while performing basic services and return them to their original position.	See below	See below
14.2.1	Drinking Fountains and Wash Stations Drinking fountains and washbasins are clean.	Clean, disinfect, and polish all drinking fountains and wash stations free of material containing living bacteria, viruses, or other contaminants capable of causing infections. Perform 5W on 460 drinking fountains and wash stations. NOTE: Each of the 460 drinking fountains will require 251. (251 is based on 365 days minus 104 weekend days minus the 10 Government holidays. This applies to all annex 14 work with a 5W frequency.)	251 cleanings	Drinking fountains and wash stations are cleaned properly and on time.
14.2.2	Mirror & Glass Cleaning Mirrors and glass surfaces are clean.	Clean interior and exterior door glass and associated frames in carpeted or hard floor entrance areas, common areas, and hallways. Remove all excess spray/solution from any surrounding trim or surfaces. Examples of areas to be cleaned are building entry doors, glass panels next to the entry doors, glass covered bulletin boards, etc. Perform 2W on 30,000 sq. ft.	104 cleanings	Mirror/glass is cleaned properly and on time.
14.2.3	Elevator Cleaning Elevators are clean	Clean elevator cab walls, doors, and threshold plates. Sweep and damp mop elevator hard floors or vacuum elevator carpeted floors. Vacuum elevator door tracks. There are 62 elevators. Perform 3W on 62 elevators.	156 cleanings	Elevators are cleaned properly and on time.
14.2.4	Dusting/Cleaning Entrances, Hallways, and Carpeted Areas Entrances, hallways and carpeted areas are dusted/cleaned	Dust/clean carpeted rooms, tiled and carpeted hallways and inside entrance areas. Do not use devices that merely displace or redistribute the matter, such as feather dusters, unless treated to attract and hold the matter. Clean furniture, fixtures and walls with a cleaner, wood cleaner, and/or polish as appropriate for surface. Clean/polish metal surfaces and fixtures with a nonabrasive cleaner/polish. Dusting/cleaning includes, but is not limited to; cleaning and disinfecting HVAC louvers, baseboards, corners, areas behind doors, air vents, venetian blinds and ledges/windowsills. Perform monthly on 1,025,000 sq. ft	12 cleanings	Dust/clean carpeted rooms, tiled and carpeted hallways, and entrance areas properly and on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
14.2.5	Clean and Service Restrooms, Medical Office, and Laboratories Restrooms, medical, offices, and laboratories are clean and serviced	<p>Clean inside and outside of fixtures with a disinfectant solution. Fixtures include, but are not limited to, toilets, urinals, lavatories, and sinks. Do not clean lavatories and sinks with any items used to clean any other rest room items including, but not limited to: toilets, urinals, walls, floors, and partitions. Disinfect partitions, stalls, stall doors, and wall areas adjacent to wall-mounted lavatories, urinals, and toilets. If present, shower, locker, and dressing rooms shall be considered part of the restrooms and cleaned under the same guidelines. Clean all mirrors/mirror trim, and hardware. Clean or polish any furniture as appropriate.</p> <p>Service dispensers, stocking with sufficient supplies to last to next scheduled service. Replenish dispensers if emptied prior to next servicing. Coordinate for the repair or replacement of any dispensers. Empty and disinfect waste containers and replace plastic liners.</p> <p>Sweep and wet mop hard floors with a disinfectant. Clean floor drains and flush with a disinfectant. Vacuum carpeted floors. Clean any wainscoting, partitions, walls, and doors.</p> <p>Display a "Closed for Cleaning" bar-type sign, placing it between the doorjamb of the restroom, locker room, or vestibule entrance during the entire cleaning process. Upon completion of the cleaning, remove the signs and display "Wet floor" caution signs, one sign to be placed every 30-35 feet, when cleaning floors in an area where people (other than Contract personnel) are or shall be present before floors are dry. Remove and store the signs when floors are dry.</p> <p>Police area and spot clean to remove any spills or standing water.</p> <p>a. Perform 5W on 95,600 sq. ft of restrooms and 10,250 sq. ft of medical offices/patient rooms/labs.</p> <p>b. Perform 7W on 1,055 sq. ft. for the following: Bldg 30S/Rooms 23RME, 23RWE, 23VME, 23VWE, 43RME, 43RWE, 43VWE, and 43VME.</p> <p>c. Perform 8W on 506 sq. ft. for the following: Bldg 90D.</p> <p>d. Perform 11W on 2,350 sq. ft. for the following: Bldg 207/Rooms 120 and 135.</p>	<p>See below.</p> <p>251 cleanings</p> <p>365 cleanings</p> <p>416 cleanings</p> <p>572 cleanings</p>	Restrooms, medical offices, and laboratories are cleaned properly and on time.
14.2.6	Inside Stairs, Stairwells, Ramps, and Landings Inside stairs, railings, ledges, stairwells, and ramps, and landing surfaces are clean.	<p>Clean stairs, railing, ledges, inside stairwells and landing surfaces. Do not use devices that merely displace or redistribute the matter, such as feather dusters, unless they are treated to attract and hold the matter. Damp mop stair surfaces and landings. Walls, furniture, and fixtures shall be free of splash marks, spots or cleaning residue.</p> <p>a. Perform weekly on 58,450 sq. ft.</p>	<p>See below.</p> <p>52 cleanings</p>	<p>Stairs, railings, ledges, inside stairwells and ramps, and landing surfaces are cleaned properly and on time.</p> <p>See Above.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
14.2.7	Light/Lamp Replacement Incandescent and fluorescent lights and lamps are replaced when burned out or flickering.	<p>b. Perform 2W on 2,760 sq. ft. in Bldg 30S/All, Bldg 9N/Rms 12SNE, and 12SNW.</p> <p>Provide and replace burned out or flickering light bulbs/lamps with same type, wattage/voltage. Clean fixtures, globes, reflectors, covers, diffusers, and plastic side panels when lamps are replaced and clean any adjacent areas that become contaminated with foreign material, including dust, dirt, or cleaning product residue. Complete bulb/lamp replacement for those 10 foot and below within 4 hours.</p> <p>Place burned out bulbs and lamps into box when box is full of burned out bulbs, date and label "Universal Waste." Lamps shall be collected and recycled by COSS contractor in accordance with Annex 9 requirements.</p> <p>NOTE: Majority of light fixtures at *JSC are located in ceilings 10 feet and under; however, approximately 20 percent are located in ceilings over 10 feet high. Approximately 75,000 are single fluorescent bulb, 1,000 are four bulb fluorescent, 1,000 are halogen, quartz, or other, and 3,000 are incandescent. (Workload data reflects 80% below 10 feet.)</p>	<p>104 cleanings</p> <p>80,000 fixtures at *JSC.</p>	<p>See Above.</p> <p>Lighting is replaced properly and on time.</p>
14.2.8	Inside/Outside Entrance Area Floors Inside and outside entrance areas appear clean.	<p>a. Sweep and damp mop inside entrance area floors to remove all dirt, dust, spills, stains, and standing water. Police the entrance areas during foul weather to ensure that all standing water is removed. Display "Wet floor" caution signs, one sign to be placed every 30-35 feet, when cleaning floors in an area where people are or shall be present before floors are dry. Remove and store the signs when floors are dry. Ensure the umbrella bag dispensers located in most building inside entrance areas are sufficiently stocked with Custodial *TMR provided bags.</p> <p>Perform daily 5W on 60,000 sq. ft.</p> <p>b. Clean entrance mats, remove dirt, dust, soil, and moisture from underneath mats, clean the floor under the mats so it matches the rest of the floor, and return the mats to their original location. Clean walk-off mats located outside of building entrances, outside entrance areas, and steps leading to the building.</p> <p>Perform 3W on 60,000 sq. ft.</p> <p>Upon request from Custodial *TMR, replace damaged or worn mats with Custodial *TMR provided mat within 2 days.</p>	<p>See below</p> <p>251 cleanings</p> <p>156 cleanings</p> <p>24 mats.</p>	<p>Inside entrance area floors and outside entrance areas are cleaned properly and on time.</p> <p>See above.</p> <p>See above.</p> <p>Mats are replaced properly and on time.</p>
14.2.9	Hard Floor Cleaning Floors are clean.	<p>a. Dust-mop or sweep hard floors to remove airborne dirt, soil, lint, or other foreign material using a clean anti-static dust-mop.</p> <p>1. Perform 2W on 1,754,800 sq. ft.</p>	<p>See below.</p> <p>104 cleanings.</p>	<p>Floors are cleaned properly and on time.</p> <p>See above.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		2. Perform 5W on 6,000 sq. ft. in Bldg. 1/Ninth floor; Bldg. 3/Rms 103AC, 103AN, 103AS, 103W; Bldg. 11/Rm 101 (Serving Area); Bldg. 110/Room 120.	251 cleanings	See above.
		b. Wet or damp mop, or machine scrub floors to clean free of all dirt, lint, debris, liquids, streaks, smudges, heel marks, or other foreign material which can be reasonably removed. Sweep floors prior to mopping or machine scrubbing. Allow no build-up in corners, crevices, under or around furniture parts. Machine scrub floors using low speed (revolutions per minute) (rpm) to reduce splashing. Clean walls and furniture free of splash marks/spots caused by cleaning solutions	See below	See above.
		1. Perform weekly on 1,658,800 sq. ft.	52 cleanings.	See above.
		2. Perform 2W on 87,000 sq. ft. in Bldg 1/Floors 1-9, Bldg 110/Rm 120	104 cleanings.	See above.
		3. Perform daily 5W on 14,300 sq. ft. in Bldg 3/Rms 103AC, 103AN, 103AS, 103W; Bldg 8/Rms 134, 134A, 136A, 138, 139, 142, 143, 145-156, 161, 161B-D, 162-164, 1104, 1106, 208, 223, 223A, 277, 277A, 277B, 277E, 278; Bldg 11/Rm 101 (Serving Area).	251 cleanings	See above.
		NOTE: When cleaning Building 10, Rooms 217, 217A, and 218 (approximately 2,000 sq. ft.), a cleaner/neutralizer manufactured by Techspray, Zero Charge Cleaner/Neutralizer #1722, shall be used. MSDS information is shown in Section J, Attachment P, Exhibit P-5.		
		NOTE: Take special care on tiled pedestal floors to ensure liquid is kept to a minimum to protect the tile and prevent seepage.		
		NOTE: Floors with vinyl floor tile shall be scrubbed or stripped in strict compliance with OSHA Floor Care Operations, 29 Code of Federal Regulations (CFR) 1910.		
14.2.10	Vacuum Carpets and Rugs Carpets and rugs are clean.	HEPA vacuum carpet and rugs free of all loose soil, dirt, debris, or any other loose foreign matter. Daily, inspect carpet and rugs, and spot vacuum between designated frequencies.	See below.	Carpet is vacuumed properly and on time.
		a. Perform 2W on 724,750 sq. ft..	104 cleanings	See above.
		b. Perform 5W on 17,450 sq. ft in Bldg 3/Rms 100, 100A, 1AN, 1AS, 1AWN, 1AWS. Bldg 8/Rms 140, 141, 165, 1100, 1102, 220, 223B. Bldg. 11/Rms 100, 1AE1, 1AE2, 1AW, 1ASE, 1ASW.	251 cleanings	See above.
		NOTE: Bldg 30S, Flight Control Rooms 2306 and 2326 shall be cleaned with non-electrical sweepers.		

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
14.2.11	Machine Scrub Restroom Floors Restroom floors are clean.	Remove built-up dirt, soil, liquids, or other foreign materials from hard floors using a scrubbing machine equipped with nylon grit block or approved equivalent in conjunction with a cleaner/disinfectant. Ensure floors have no build-up in corners, crevices, or under or around furniture parts. Machine scrub floors using low speed (revolutions per minute) (rpm) to reduce splashing. Ensure walls and furniture are free of splash marks/spots caused by cleaning solutions. Perform monthly on 96,000 sq. ft.	See below. 12 cleanings	Floors are machine scrubbed properly and on time. See above.
14.2.12	Spray Buffing in Hallways Hard floors in hallways are spray buffed and have a pleasant appearance.	Remove soil, liquids, streaking, or scuffmarks from hard floors in hallways using a scrubbing machine equipped with buffing pad. Damp mop floors, and then refurbish the floor finish using a wax and water solution, allowing no build-up in corners, crevices, or under or around furniture parts. Spray buff floors using low speed (rpm) to reduce splashing. Ensure walls and furniture are free of splash marks/spots caused by cleaning or finishing process. Perform monthly on 283,000 sq. ft. NOTE: Floors with vinyl floor tile shall be spray buffed in strict compliance with OSHA Floor Care Operations, 29 Code of Federal Regulations (CFR) 1910.	See below. 12 cleanings	Floors are spray buffed properly and on time. See above.
14.2.13	Recycling Program Recycled material are removed and processed, areas are litter free	a. Remove recyclable white paper from dedicated recycle bins. Repair or replace damaged recycle bins at no additional cost to the Government. Each bin has a 250-pound capacity. Clean bins if soiled. Provide replacement if bin is to be removed for longer than 4 hours between 7:30 a.m. and 4:30 p.m. Empty bins when 2/3 full, or more frequently, to prevent overfilling. Collect and dispose of the paper residual from the Classified Waste Disintegrator Facility located at Building 324 in the same manner as other recyclable paper. Provide a closed compactor container for the paper residual generated at the Classified Waste Disintegrator Facility located at Building 324. Keep the area free of litter. Transport all recyclable white paper to a central location for off site recycling. Make arrangements for recycling of materials. b. Remove any cardboard upon discovery in the process of custodial duties. Examples of places where cardboard might be found are in the hallways, near the copy machine, near the entrances, etc. Transport the collected cardboard to a designated location for collection and of-site recycling. Make arrangements for recycling of materials.	1,200,000 pounds of white paper recycled 120,000 pounds of cardboard recycled.	Recycled material is removed properly and on time. See above.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>c. Remove contents from designated aluminum beverage container receptacles and transport to approximately eleven designated locations. Remove and dispose of any items other than aluminum beverage containers prior to placement in permanent recycle container. Clean any beverage spills that occur during collection.</p> <p><u>NOTE: The designated locations are currently buildings 1, 4S, 8, 16, 45, 30, 32, 37, 227, 207, and 419. The COSS contractor has no responsibilities after the cans are deposited in the permanent recycle container.</u></p>	<p>3,000 pounds of aluminum recycled.</p>	<p>See above.</p> <p>Deleted: c. .</p> <p>Formatted: Bullets and Numbering</p> <p>Deleted: ten</p> <p>Formatted</p> <p>Formatted</p> <p>Formatted</p>
		<p>d. Conduct a comprehensive study and survey of solid waste generation and accumulation activities at *JSC. The survey shall include, but is not limited to:</p> <ol style="list-style-type: none"> 1. Location, volumes, weights, and types of wastes currently generated. 2. Locations, volumes, weights, and % of materials currently being recycled. 3. Locations, types, and amounts of potential recyclables remaining in disposed of solid waste (at a minimum potential recyclables must include wood, concrete, metals, cardboard, paper, plastic, grass or other compostable material). 4. Identification of potential reusable materials (by type, volume, weights, and location) found in the solid waste. 5. Identification of areas where additional recycling or reuse of materials would be practical. 6. Evaluation of costs to implement and potential costs savings and cost avoidance of additional recycling or reuse. 7. Evaluation of required equipment, training, procedures or other requirements to implement each potential recycling or reuse program. 8. Identification of potential vendors/recyclers. 9. Any other information needed to evaluate selection of additional recycling programs. <p>The study shall be separated into 3 sections, one each for JSC, EF, and SCTF. Make recommendations facility specific. The study shall be completed by Oct. 1st of the first contract year.</p> <p>NOTE: Recycling of wood pallets used in Annexes 10 and 11 are addressed in those annexes.</p>	<p>1 study (Year One)</p>	<p>Study is complete, accurate and contains all required elements.</p> <p>Study is complete on time.</p> <p>All required elements are included in the study.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		<p>e. Fully implement mixed paper recycling at JSC at the start of Year 2 of the contract, in place of white paper recycling. Implementation includes all requirements for the recycling program, including but not limited to: extra containers, making arrangements for recycling of materials, awareness literature and training for employees and facility managers, manpower, transportation, and collection devices and any other activities or materials, as needed.</p> <p>NOTE: It is anticipated that the same desk collection boxes and larger collection bins can be used to collect the mixed paper as the white paper. The rate of paper collection should increase requiring more frequent emptying removal. Specific information of the amounts and locations of additional paper to be included in this recycling program should be identified in the study in CLIN 14.2.13.d.</p>	2,000,000 pounds of paper, year 2, 3, 4, and 5	<p>Mixed paper recycling program is started on time.</p> <p>All required elements of the program are provided and in place at the start up and throughout the implementation.</p> <p>Awareness and/or training for employees and facility managers provided prior to initiating the program.</p>
		<p>f. Return all revenues collected from metals recycling to the Government within 10 days of receipt by COSS contractor.</p>	12 transactions	<p>All revenues from recycling are returned to the government.</p> <p>Revenues are returned on time.</p>
		<p>g. Track information on a monthly basis on the waste generation, costs of disposal and recycling, and amount of wastes recycled. Track information electronically (Excel or other similar format) and place information in location, such as shared server folder, that is accessible to the Environmental *TMR. Update the information by the 15th day of each month for previous month's activities.</p> <p>Information tracked includes, but is not limited to: cubic feet and tons of solid waste collected; total cost of disposal of waste via landfill and cost by cubic feet or tons; cubic feet and tons of recycled solid waste; revenue received from recycling for each recycled item; value per cubic foot or ton received for each recycled item; a list of all transportation fees associated with recycling; total % of waste diverted from landfilling; restraints or impediments to recycling.</p>	12 months	

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
14.2.14	Solid Waste Removal Solid waste is removed and areas are free of litter.	<p>Empty all waste containers within buildings when 2/3 full or 3W, whichever occurs first. Clean container with a disinfectant if soiled, wipe dry, and replace plastic liner if soiled or leaking. Replace liners on all containers used for disposal of liquids, and clean and disinfect the container if the liner leaked. Empty waste containers in food consumption areas, including, but not limited to: cafeterias, vending areas, concession areas, break rooms, etc., and in Building 211, B30S/Rooms 2326, 4301, and 4328 daily, and replace plastic liners. Pick up and dispose of any waste that falls on the floor and outside grounds during the solid waste removal process. Place collected waste in outside waste containers.</p> <p>Provide/remove wheeled trash bins with extra liners within 3 hours of request.</p> <p>Establish and maintain a solid waste removal service. At the time of service, ensure dumpsters, roll-offs, and compactors are free of all waste. Provide service to the solid waste containers when 2/3 full, or more frequently if required, to prevent overfilling or non-availability. Do not let collected trash accumulate outside of any *JSC facility unless it is contained in approved Contractor supplied "dumpster" type container. Ensure areas around the containers are free of debris. Ensure outside of dumpsters, roll-offs, and compactors are free of graffiti. Ensure dumpsters are closed at all times except when adding waste to them. Keep interior of dumpsters free of residue build-up or offensive odors. Do not stage or dispose of trash or waste, in any form, on Government property. Dispose of waste in an approved landfill or equally acceptable means, approved in writing, by the Custodial *TMR. Move any or all roll-offs to other locations when requested by the Custodial *TMR.</p> <p>Provide and place dumpsters outside of designated buildings, as approved by the Custodial *TMR. Maintain dumpsters in operational condition, and repair if damaged.</p> <p>Provide and service when 2/3 full, or more frequently, to prevent overfilling:</p> <ul style="list-style-type: none"> a. Two 40 cubic yard roll-off containers in the pit area south of Bldg. 333. b. One 30 cubic yard roll-off at Bldg. 10. c. Two 30 cubic yard roll-offs at Bldg. S920. d. One 20 cubic yard roll-off at Bldg. E270. e. One 6 cubic yard dumpster at Bldg. 9S. f. One 4 cubic yard dumpster at Bldg 95B. 	<p>38,000,000 pounds.</p> <p>See above.</p> <p>See above.</p> <p>See above.</p> <p>See above.</p> <p>See above.</p>	<p>Solid waste is removed accurately and on time.</p> <p>See above.</p> <p>See above.</p> <p>Dumpsters are placed and serviced accurately and on time.</p> <p>See above.</p>

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		Provide and service daily:	See above.	See above.
		a. One 8 cubic yard dumpster at Bldg. 3.		
		b. One 8 cubic yard dumpster at Bldg. 11.		
		c. One 8 cubic yard dumpster at Bldg. 207.		
		d. One 4 cubic yard dumpster at Bldg. 211.		
		Provide and service 3W, or more frequently, to prevent overfilling:	See above.	See above.
		a. One 8 yard dumpster at Bldg. 8.		
		Provide and schedule service consistent with the solid waste disposal for the other stationery dumpsters on site:	See above.	See above.
		a. One cubic yard rolling dumpster at Bldg 32.		
		b. One cubic yard rolling dumpster at Bldg 220.		
		c. One cubic yard rolling dumpster at Bldg 222		
		NOTE: Users are responsible for transporting the dumpsters onto the loading dock or other areas as designated by the Custodial *TMR for waste removal. When emptied, users are responsible for transporting the dumpsters back inside the buildings for which they are assigned.		
		NOTE: *JSC is working toward an Agency goal to reduce solid waste by 35% within 8 years.		
		a. Remove tobacco residue from approximately 165 ash receptacles located exterior to buildings twice a day, once in the morning and once in the afternoon. Replenish sand to appropriate level. Keep the area around ash receptacles free of litter and debris.	See above.	Tobacco residue is removed accurately and on time.
		Empty receptacle and replace the plastic liners 5W in approximately 200 trash containers located outside of buildings, at the Gilruth grounds, the Longhorn Pavilion, and in parking areas.		
		b. Maintain free of litter and debris *JSC property, including, but not limited to: the grounds, building perimeters, the Longhorn Pavilion, the entire Gilruth complex (except the ball fields), stair wells, stairs, and ramps, identified as serviceable under the terms of this contract, site fence line, to include any litter or debris trapped in the fence structure.	See above.	Areas are maintained free of litter and debris accurately and on time. See above.
		NOTE: This service shall specifically exclude those areas of Ellington Field considered to be off-limits to pedestrian traffic, including runways, taxiways, aprons, and facilities maintained and policed by others as lump sum activities.		

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		c. Sweep and damp mop or hose off picnic/pavilion areas on the Gilruth grounds and the Longhorn Pavilion (Bldg 95) and clean picnic tables weekly to remove all residue. Empty and clean all barbecue grills and remove cobwebs and visible dirt from pavilion structures semimonthly.	See above.	See above.
14.3	Periodic Services Perform Periodic Services	Performed periodic services when and where requested by the Custodial *TMR. Note: For items below assume average monthly values to be one-twelfth of workload data. There will be instances (special events, etc.) that will cause fluctuations in the workload.	See below.	See below.
14.3.1	Dusting/Cleaning Requested areas are dusted & cleaned.	Dust/clean as requested. Do not use devices that merely displace or redistribute the matter, such as feather dusters, unless treated to attract and hold the matter. Clean furniture, fixtures and walls with a cleaner, wood cleaner, and/or polish as appropriate for surface. Clean/polish metal surfaces and fixtures with a nonabrasive cleaner/polish. Dusting/cleaning includes, but is not limited to: cleaning and disinfecting Heating Ventilation and Air Conditioning (HVAC) louvers, baseboards, corners, areas behind doors, air vents, venetian blinds and ledges/windowsills.	2,000,000 sq. ft.	Dust/clean requested area accurately and on time.
14.3.2	Unscheduled Cleaning Clean ups are performed and area appears as it did before the incident.	a. Provide services for cleaning tasks beyond the scope of basic services. Complete within 1 hour of request between 5:30 a.m. and 5:30 p.m. and within 2 hours of request between 5:30 p.m. and 5:30 a.m. Examples of unscheduled cleaning include, but are not limited to: clean up of overflowed restroom toilets and sinks, spills, broken glass, etc. b. Clean up of blood/infectious material within 30 minutes of request in accordance with the OSHA Blood borne Pathogen Program, 29 Code of Federal Regulations (CFR) 1910. Deliver the material to the JSC Clinic. Provide clean up (support) under conditions specified in Section J, Exhibit P-4. Develop a Blood borne Pathogen Program for approval by the Government 2 weeks prior to the contract start date. Submit the final Blood borne Pathogen Program to the Custodial *TMR for approval on the contract start date. NOTE: Historically for blood/infectious material, only one or two requests per year are considered major in nature. NOTE: The majority of unscheduled clean ups occur between 5:30 a.m. and 5:30 p.m.	250 requests. 20 requests.	Cleaning services are performed accurately and on time. Blood/infectious material cleanup is completed accurately and on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
14.3.3	Interior Windows/Window Area/Venetian Blinds Interior glass surfaces, frames, sills, trim, and venetian blinds are clean.	Clean interior window glass surfaces, frames, sills, trim, venetian blinds, or similar window covering ensuring a clean, uniform appearance. Remove all excess spray/solution from surrounding trim or surface. Do not use devices that merely displace or redistribute the matter, such as feather dusters, unless they are treated to attract and hold the matter.	130,000 sq. ft.	Interior glass surfaces, frames, sills, trim, venetian blinds or similar window coverings are cleaned accurately and on time.
14.3.4	Exterior Glass Surfaces/Window Frames Exterior glass surfaces/window frames are clean.	Clean all exterior glass surfaces including windows and window frames to ensure a clean, uniform appearance. NOTE: Contractor will only be tasked to clean first floor exterior windows on multi-floor buildings.	100,000 sq. ft.	Glass surfaces/window frames are cleaned accurately and on time.
14.3.5	Strip, Seal, and Wax/Finish Hard Floors Floors are stripped, sealed and waxed or finished and look clean.	Sweep/dust-mop floors prior to striping. Strip to remove all cleaning solution, deposits, dirt, marks, stains, water, and wax prior to application of sealer and wax. Strip floors using low speed (rpm) to prevent splashing. Apply sealer, and then wax/finish so floors have a uniform, glossy appearance with no evidence of splashing on furniture, walls, or fixtures, and no evidence of build-up or discoloring. Buff surface if recommended by the manufacturer. Buff floors using low speed (rpm) to reduce splashing. NOTE: In Building 10, Rooms 217, 217A, and 218 (approximately 2,000 square feet), two products manufactured by "Techspray". #1721 Zero Charge Floor Stripper and #1720 Zero Charge Static Dissipative Floor Coating, shall be used for this task. MSDS information is shown in Section J, Attachment P, Exhibit P-5. NOTE: Floors with vinyl floor tile shall be stripped in strict compliance with OSHA Floor Care Operations, 29 CFR 1910.	1,800,000 sq. ft.	Floors are stripped, waxed and finished accurately and on time.
14.3.6	Shampoo Carpet/Rugs Carpet/rugs are clean.	Vacuum carpet/rugs free of all loose soil and debris prior to shampooing. Shampoo, using a Custodial *TMR approved method, free of any foreign material such as dirt, soil, and stains. Carpet shall have a uniform appearance. Clean carpet, baseboards, walls, and furniture/fixtures free of cleaning agent residue. Use minimum amount of liquid on pedestal tile floors to prevent contamination of carpet underside. NOTE: Several buildings have carpeted areas and/or rooms that require cleaning with HEPA vacuum cleaners. See Table 14.1.	1,000,000 sq. ft.	Carpets are shampooed accurately and on time.
14.3.7	Emergencies/Special Events/Visitor Custodial Services Custodial support services are provided for major emergencies, special events, Very Important Persons (VIP) visits, etc.	Provide custodial support services for contingencies including, but not limited to: major emergency situations, special events, VIP/dignitary visits, shuttle missions, and other similar occurrences. Provide support within 15 minutes for major emergency situations and within 24 hours for non-emergency situations. The timeframe covered by this CLIN will be 24 hours per day, 7 days per week (including holidays). See **Emergency/Special Events/Visitor Custodial Services.	11,000 man-hours.	Custodial support is provided accurately and on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
14.3.8	Interior Extermination Buildings are reasonably free of insects and rodents without producing objectionable or offensive odors or residue.	Perform extermination treatment in designated area using Custodial *TMR approved method, adhering to manufacturers recommendations, and in accordance with OSHA and Texas Structural Pest Control Board guidelines and requirements. Use methods that do not produce offensive or objectionable odors or residue. Perform chemical spraying after 5:30 p.m., or preferably, on weekends. Advise the Custodial *TMR of need for termite treatment. Fax a copy of the consumer information notice to the Custodial *TMR within 1 hour of preparation, but no later than two workdays before extermination is performed. Keep a file copy. NOTE: The contractor can expect the requests identified in the workload data to cover approximately 225,000 square feet per year.	900 requests.	Extermination and documentation are done accurately and on time. No instances of regulatory violations.
14.3.9	Short-term Supplemental Waste Removal Short-term supplemental solid waste removal service is provided.	a. Provide two, four, six, or eight cubic yard supplemental dumpsters or 20, 30, or 40 cubic yard roll-off solid waste containers to support short-term special requirements within 3 days of request. Occasionally, emergency requests will require provision on next day. Provide service to the dumpsters or roll-off containers when they are 2/3 full, ensuring they are not overfilled or unavailable. At the time of servicing, ensure dumpsters and roll-offs are free of all wastes. Ensure areas around the bins are free of debris. Ensure dumpsters and roll-offs are free of graffiti, residue and odor. Provide daily service to Buildings 3, 8, 11, and 211. b. Deliver, locate, and make ready for use solid waste, standard size portable restrooms within 3 workdays of the request (within 24 hours for emergency requirements). Remove and service by the business day following the end of the event.	500 cubic yards in combined sizes.	Dumpsters are provided and serviced accurately and on time.
14.3.10	Personnel Requirements Personnel requirements are met for all employees.	Supervisors shall be able to speak and read English, and shall be on site at all times while work is being done. The Contractor shall provide a point of contact (POC) and an alternate who speaks and reads English, who shall be responsible for the performance of the custodial work. The POC or alternate shall have full authority to act for the Contractor on all contract matters relating to daily operation of this contract. The POC or alternate shall maintain communications via a Contractor-supplied voice pager or cellular telephone system with the Custodial *TMR during all hours of operation. The Contractor is responsible for all expenses incurred for the operation of the pager or cellular telephone. Maintain current State of Texas License and/or Certification for work called for in this annex, including termite inspection.	20 portable restrooms. Contractor determined. See above.	Portable restrooms are provided, serviced and removed accurately and on time. See below. Point of Contact and alternate speak and read English, are responsible for custodial work performance and maintain communications accurately and on time. Licenses and certifications are maintained accurately and on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
		All custodial personnel shall be properly uniformed, neat, clean in appearance, and easily recognized. All employee uniforms shall be the same design and color. The uniforms worn by any field supervisors shall be of the same basic design, but may be of a different color for distinction from the general custodial staff. No shorts or cut-off slacks/trousers and no open toed shoes or sandals may be worn. Personnel shall be free of body odor and clothing shall be free of dirt and odor at the beginning of each workday.	See above.	Personnel are properly uniformed and meet odor/cleanliness requirements accurately and on time.
14.3.11	Training Training requirements are met for all employees.	Provide and document adequate training for each employee to competently, safely, and efficiently perform work identified in the contract. Training shall include, but not be limited to: orientation, introduction to assignments, chemical usage, tools and equipment, general procedures, restroom cleaning, common mistakes, spray buffing, safety, recycling, relamping, personal protective equipment, OSHA Class IV (4) Asbestos Training, and Blood Born Pathogen Training. JSC specific training relating to Safety and Health shall also be required for all employees, along with periodic refresher courses, as required by JSC and/or OSHA. When non-English speaking and reading personnel are to be trained, the Contractor shall provide the training and ensure the training is the same program used for English-speaking and reading personnel. Ensure that all training is received prior to performing work. Provide all necessary equipment and supplies to conduct the non-JSC/OSHA specific training courses outlined in Annex 14, including, but not limited to: audio-visual equipment, as well as any equipment, supplies, or chemicals used for demonstration purposes. JSC will provide training for any JSC-specific safety-related courses required. Train and maintain a clean-up response crew to provide for clean up of blood/infectious material during work hours.	Nothing additional.	Training and documentation are completed accurately and on time.
14.4	Records, Reports, and Submittals			
14.4.1	Custodial Cleaning Schedules Develop/maintain/submit the submittal specified	Develop, submit and update the Custodial Cleaning Schedules per DRD AN-14-1.	1 Report	Work schedule submitted accurately and on time.

ITEM NO.	CLIN TITLE/OUTCOME	PERFORMANCE REQUIREMENTS	WORKLOAD DATA	PERFORMANCE EVALUATION CRITERIA
14.4.2	Comprehensive Recycling Study Report Provide Comprehensive Recycling Study Report	Submit an organized narrative report detailing the recommendations and findings of the comprehensive solid waste generation and recycling study required in CLIN 14.2.13.d. Include all elements required in the study. All assumptions, data collection and study methodology and justification, findings, background documentation, and numerical data collected during the studies, shall be included as appendices to the report. The report shall be separated into 3 sections, one each for JSC, EF, and SCTF. Make recommendations facility specific. Submit the report by the 30 th day of the seventh month after contract start date.	1 report, year 1 only	Report is accurate, complete, and provided on time.

SECTION H

SPECIAL CONTRACT REQUIREMENTS

CLAUSES THAT PERTAIN TO THE CONTRACT IN GENERAL

H.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following solicitation provisions and/or contract clauses pertinent to this section are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
52.236-9	APR 1984	PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS
52.236-12	APR 1984	CLEANING UP
52.236-13	NOV 1991	ACCIDENT PREVENTION (ALTERNATE I) (NOV 1991)

II. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 18)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
18-52.208-81	AUG 1993	RESTRICTIONS ON PRINTING AND DUPLICATING
18-52.223-70	MAY 2001	SAFETY AND HEALTH
18-52.223-75	MAY 2001	MAJOR BREACH OF SAFETY OR SECURITY
18-52.225.70	FEB 2000	EXPORT LICENSES (fill-in JSC)
18-52.242-72	AUG 1992	OBSERVANCE OF LEGAL HOLIDAYS

The following clause (NASA 1852.216-80) only applies to SOW Annex 13:

H.2 TASK ORDERING PROCEDURE (NASA 1852.216-80) (OCT 1996)

(a) Only the Contracting Officer may issue task orders to the Contractor, providing specific authorization or direction to perform work within the scope of the contract and as specified in the schedule. The Contractor may incur costs under this contract in performance of task orders and task order modifications issued in accordance with this clause. No other costs are authorized unless otherwise specified in the contract or expressly authorized by the Contracting Officer.

(b) Prior to issuing a task order, the Contracting Officer shall provide the Contractor with the following data:

(1) A functional description of the work identifying the objectives or results desired from the contemplated task order.

(2) Proposed performance standards to be used as criteria for determining whether the work requirements have been met.

(3) A request for a task plan from the Contractor to include the technical approach, period of performance, appropriate cost information, and any other information required to determine the reasonableness of the Contractor's proposal.

(c) Within 7 calendar days after receipt of the Contracting Officer's request, the Contractor shall submit a task plan conforming to the request.

(d) After review and any necessary discussions, the Contracting Officer may issue a task order to the Contractor containing, as a minimum, the following:

(1) Date of the order.

(2) Contract number and order number.

(3) Functional description of the work identifying the objectives or results desired from the task order, including special instructions or other information necessary for performance of the task.

(4) Performance standards, and where appropriate, quality assurance standards.

(5) Maximum dollar amount authorized (cost and fee or price). This includes allocation of award fee among award fee periods, if applicable.

(6) Any other resources (travel, materials, equipment, facilities, etc.) authorized.

(7) Delivery/performance schedule including start and end dates.

(8) If contract funding is by individual task order, accounting and appropriation data.

(e) The Contractor shall provide acknowledgment of receipt to the Contracting Officer within 2 calendar days after receipt of the task order.

(f) If time constraints do not permit issuance of a fully defined task order in accordance with the procedures described in paragraphs (a) through (d), a task order which includes a ceiling price may be issued.

(g) The Contracting Officer may amend tasks in the same manner in which they were issued.

(h) In the event of a conflict between the requirements of the task order and the Contractor's approved task plan, the task order shall prevail.

(End of clause)

The following clause (NASA 1852.232.77) entitled "Limitation of Funds (Fixed-Price Contract)" only identifies the funding available for payment of services provided under Annex 7 and Annex 14 of the SOW. The clause (NASA 1852.232-81) entitled "Contract Funding" in Section B of this contract identifies the funding available for payment of services provided under Annexes 1-5 and 8-12 of the SOW. The funds available for payment fixed-price, ID/IQ services will be identified on each delivery order issued under Annex 6 of the SOW.

H.3 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) (NASA 18-52.232-77) (MARCH 1989)

(a) Of the total price of Annex 7 and 14, the sum of ***\$[to be input by the Government]*** presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to this contract in accordance with the following schedule until the total price of said items is allotted:

SCHEDULE FOR ALLOTMENT OF FUNDS

Date

Amounts

11/01/01

TBD

(b) The Contractor agrees to perform or have performed work on the items specified in paragraph (a) above up to the point at which, if this contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs (f) and (g) of that clause would, in the exercise of reasonable judgment by the Contractor, approximate the total amount at the time allotted to the contract. The Contractor is not obligated to continue performance of the work beyond that point. The Government is not obligated in any event to pay or reimburse the Contractor more than the amount from time to time allotted to the contract, anything to the contrary in the Termination for Convenience of the Government clause notwithstanding.

(c) (1) It is contemplated that funds presently allotted to this contract will cover the work to be performed until TBD.

(2) If funds allotted are considered by the Contractor to be inadequate to cover the work to be performed until the above date, or an agreed date in substitution for it, the Contractor shall notify the Contracting Officer in writing when within the next 60 days the work will reach a point at which, if the contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs (f) and (g) of that clause will approximate 75 percent of the total amount then allotted to the contract.

(3)(i) The notice shall state the state the estimated date when the point referred to in subparagraph (2) above will be reached and the estimated amount of additional funds required to continue performance to the date specified in subparagraph (1) above, or an agreed date substituted for it. (ii) The Contractor shall, 60 days in advance of the date specified in subparagraph (1) above, or an agreed date substituted for it, advise the Contracting Officer in writing as to the estimated amount of additional funds required for the timely performance of the contract for a further period as may be specified in the contract or otherwise agreed to by the parties.

(4) If, after the notification referred to in subdivision (3)(ii) above, additional funds are not allotted by the date specified in subparagraph (1) above, or an agreed date substituted for it, the Contracting Officer shall, upon the Contractor's written request, terminate this contract on that date or on the date set forth in the request, whichever is later, pursuant to the Termination for Convenience of the Government clause.

(d) When additional funds are allotted from time to time for continued performance of the work under this contract, the parties shall agree on the applicable period of contract performance, which shall be covered by such funds. The provisions of paragraphs (b) and (c) above shall apply to such additional allotted funds and substituted date pertaining thereto, and the contract shall be amended accordingly.

(e) If, solely by reason of the Government's failure to allot additional funds in amounts sufficient for the timely performance of this contract, the Contractor incurs additional costs or is delayed in the performance of the work under this contract, and if additional funds are allotted, an equitable adjustment shall be made in the price or prices (including appropriate target, billing and ceiling prices where applicable) of the items to be delivered, or in the time of delivery, or both.

(f) The Government may at any time prior to termination, and, with the consent of the Contractor, after notice of termination, allot additional funds for this contract.

(g) The provisions of this clause with respect to termination shall in no way be deemed to limit the rights of the Government under the default clause of this contract. The provisions of this Limitation of Funds clause are limited to the work on and allotment of funds for the items set forth in paragraph (a) above. This clause shall become inoperative upon the allotment of funds for the total price of said work except for rights and obligations then existing under this clause.

(h) Nothing in this clause shall affect the right of the Government to terminate this contract pursuant to the Termination for Convenience of the Government clause of this contract.

(End of clause)

H.4 REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFERORS (JSC 52.209-90) (SEP 1988)

This contract incorporates Section K, Representations, Certifications, and Other Statements of Offerors, as set forth in the Contractor's proposal _____ dated _____, by reference, with the same force and effect as if it were given in full text.

(End of Clause)

H.5 PROVIDING FACILITY ITEMS

The purpose of this clause is to set forth the parties' intent regarding their respective responsibilities for providing facility items under this contract. The parties accordingly agree as follows:

(a) "Provide" as used in this clause has the same meaning as set forth in NASA FAR Supplement 1845.301. "Facilities" as used in this clause has the same meaning as set forth in FAR 45.301.

(b) The Contractor shall replace any of the existing facilities identified in the clause at G.11 entitled "List of Government Furnished Property (NASA 1852.245-76)" that reach the end of their useful life during the contract period or which are beyond economical maintenance or repair, if the facilities are still needed for contract performance. Such replacements shall be made with contractor-owned facilities and shall not be a direct charge to the contract.

(c) The contractor shall not acquire facility items for the Government, unless specifically authorized by the contract or consent has been obtained in writing from the Contracting Officer

pursuant to FAR 45.302-1(a). The Contractor agrees to provide all facilities necessary for performance of this contract except as provided in paragraph (b) above.

(d) It is agreed by both parties that the following Government-provided equipment will not be replaced by the contractor, but will be replaced by the Government: The list of critical items located at Section J, Attachment I, List 4 GFP (critical).

(e) The contractor may unilaterally act to replace equipment items valued at less than \$25,000; however, for equipment items valued at more than \$24,999, the replacement, although with contractor-owned facilities, must be approved in writing by the Contracting Officer.

(End of Clause)

The following clause entitled "CAPITAL EQUIPMENT" applies to the extent the contractor acquires capital equipment for use in the performance of Annexes 1-5 and 8-13 of the SOW. The parties agree that depreciation of any capital equipment acquired by the contractor to use in performance of services under Annexes 6, 7 and 14 shall not be an allowable cost under the contract.

H.6 CAPITAL EQUIPMENT

1. Introduction: The parties recognize the contractor may, from time to time during the basic period of performance of this contract, purchase equipment for the purpose of performing work described in the SOW. Any such capital equipment will be capitalized and depreciated in accordance with the contractor's established cost accounting practices and procedures, which must be in conformance to any applicable requirements and standards of this contract.

2. Contractor Records: The contractor agrees to maintain complete records of capital equipment that is subject to this clause. Such records shall include date of purchase, purchase price, depreciation schedule, and amount of depreciation recorded from time to time. The contractor further agrees to make these records available to the Contracting Officer promptly upon the latter's request, along with the contractor's best estimate of the undepreciated balance of each equipment item.

3. Right to Purchase: The parties agree that if the Government does not exercise its option to extend the contract or does not thereafter contract with the contractor for the performance of the same, or substantially the same services contemplated by this contract, the contractor will, upon request by the Contracting Officer, transfer title to any equipment identified by the Contracting Officer from the records reference above, to either (a) the Government, or (b) a successor contractor.

4. If a request for transfer of title to the Government, the Government agrees to recognize as allowable costs under the contract, for identified capital equipment, so much of the cost of the equipment that has not been depreciated as of the end of the contract period of performance. Payment of such undepreciated balances will be no later than 30 days after transfer of title.

(END OF CLAUSE)

H.7 PARTNERING

The Government defines partnering as it relates to this contract as: a facilitated process that involves both Government and Contractor personnel meeting together for the purpose of identifying, considering alternatives, resolving and implementing improvements, for various identified Government and Contractor concerns, problems, performances, and opportunities.

Facilitated partnering meetings are to be scheduled as needed but not less than monthly. The Contractor shall provide the facilitator. During the first 30 days after contract start, the first partnering meeting shall be scheduled by the Contractor. During this initial meeting norms shall be established for subsequent partnering meetings.

(End of Clause)

The following clause entitled "Contractor Liability" applies relative to performance of requirements identified in SOW Annexes 6, 7 and 14:

H.8 CONTRACTOR LIABILITY

1. The Contractor's liability for loss, damage or destruction of Government property furnished under the "Installation-Provided Government Property" is as set forth in "Government Property (Fixed-Price Contracts) (Alternate I) (APR 1984)" clause hereof (FAR 52.245-2).
2. The contractor's liability for the loss, damage or destruction of Government property furnished for repair or other services is as set forth in the "Liability for Government Property Furnished for Repair or Other Services" clause hereof (NFS 18-52.245-72). Government property furnished for repair or other services includes, by way of example but not limitation, all property for which contractor has custody or control of or maintenance and operations responsibility for, under this contract.
3. The contractor's liability for the loss, damage, or destruction of any other Government property shall be the same as that of any other party under the law of the State of Texas.
4. The contractor's limit of liability for loss, damage, or destruction of Government property is \$10 million for each contract year.
5. The contractor agrees to indemnify and hold the Government and its contractors and subcontractors harmless for any claim, judgment, or cost arising from the injury to or death of any person, or for damage to or loss of any property, attributable to the contractor through acts or omissions of its employees, agents or subcontractors arising out of the performance of this contract, whether such injury, death, damage, or loss is caused by negligence or otherwise.
6. The kinds and amounts of insurance the contractor agrees to provide and maintain in accordance with FAR clause 52.228-5, Insurance--Work on a Government Installation are set forth in NFS clause 18-52.228-75.

(End of Clause)

H.9 KEY PERSONNEL AND FACILITIES (NFS 1852.235-71) (MAR 1989)

(a) The personnel and/or facilities listed below are considered essential to the work being performed under this contract. Before removing, replacing, or diverting any of the listed or specified personnel or facilities, the Contractor shall (1) notify the Contracting Officer reasonably in advance and (2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract.

(b) The Contractor shall make no diversion without the Contracting Officer's written consent; provided, that the Contracting Officer may ratify in writing the proposed change, and that ratification shall constitute the Contracting Officer's consent required by this clause.

(c) The list of personnel and/or facilities (shown) may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel and/or facilities.

[List here the personnel and/or facilities considered essential.]

(End of clause)

H.10 CONTRACT ADJUSTMENT FOR COMPLETION FORM

(a) The provisions and references of this clause apply only to Annexes one (1) through five (5) and Annexes eight (8) through twelve (12) of the Statement of Work (SOW). The purpose of this clause is to set forth the terms and conditions governing adjustments to the estimated cost and fee, if any, to account for growth or shrinkage in the completion form work to be performed.

(b) The Government's objective is to have the SOW performed in the most efficient manner possible, consistent with the furnishing of high quality services. One means of achieving this objective is to minimize changes, and thus reduce or eliminate the administrative cost to both parties that are caused by issuing, pricing, and negotiation changes. The contract adjustment provisions set forth herein are intended to achieve that objective, while at the same time compensating the contractor fairly for the furnishing of services that are within a reasonable range of the baseline work (including workload data) projected to be performed under the contract.

(c) All work within Annexes one (1) through five (5) and Annexes eight (8) through twelve (12) shall be considered to fall within the baseline requirements of the contract. Except as provided in this clause, no amount of work above or below the workload data shall give rise to an equitable adjustment in the estimated cost or fee, delivery schedule, or any other contract provision.

(d) Adjustment Provisions

1. The elements of the completion form work described in Annexes one (1) through five (5) and Annexes eight (8) through twelve (12) of the SOW are often accompanied by "workload data." These data represent the Government's estimates of the level of services required, and are only intended to reflect the amount of activity anticipated for those elements of work. Workload data do not constitute a limitation on the contractor's obligation to perform work in the areas to which they relate.

2. Workload data define the thresholds that must be met before the performance of work, which exceeds or is less than the threshold, may become the basis for a contract adjustment. Subject to the Limitation of Funds Clause, the fact that the contractor has performed work that is above the workload data shall not relieve the contractor of its obligation to continue to perform such work to the extent it is required by the Government.

3. An equitable adjustment (either upwards or downwards) will be made in the cost and fee provided for in this contract if both of the following conditions are met at the end of each performance period of the contract:

(A) the workload for one or more SOW Annexes has either exceeded or has not been met by 20 percent; and,

(B) the net total cost increase or decrease of all workload data combined is greater than \$2,000,000. The appropriate unit value(s) contained in Section J, Attachment G shall be used in conjunction with the appropriate quantity variance data to calculate the net total cost increase or decrease. The unit values contained in Section J, Attachment G shall be used for the purpose of determining if either party is entitled to seek an equitable adjustment under this clause and the amount of such equitable adjustment.

The adjustment provisions of this clause shall not be construed as a limitation of the Government's rights under the Termination clause of this contract.

(e) The contractor is responsible for: tracking the performance of work in each area which is subject to workload data; keeping current, complete, and accurate records regarding the quantum of work performed in relation to the applicable workload data; making such records available to the Contracting Officer as may be requested from time to time; and submitting an adjustment proposal if the contractor believes the conditions of the paragraph (d) above are met, or if requested by the Contracting Officer. If initiated by the contractor, the contractor's proposal shall be submitted within 90 days of the last day of the contract performance period. If requested by the Contracting Officer, the proposal shall be submitted within 90 days of the request.

(End of Clause)

CLAUSES THAT PERTAIN TO CONSTRUCTION ONLY

H.11 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following solicitation provisions and/or contract clauses pertinent to this section are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
52.236-2	APR 1984	DIFFERING SITE CONDITIONS
52.236-3	APR 1984	SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK
52.236-5	APR 1984	MATERIAL AND WORKMANSHIP
52.236-6	APR 1984	SUPERINTENDENCE BY THE CONTRACTOR
52.236-7	NOV 1991	PERMITS AND RESPONSIBILITIES
52.236-8	APR 1984	OTHER CONTRACTS
52.236-10	APR 1984	OPERATIONS AND STORAGE AREAS
52.236-11	APR 1984	USE AND POSSESSION PRIOR TO COMPLETION
52.236-12	APR 1984	CLEANING UP
52.236-13	NOV 1991	ACCIDENT PREVENTION (ALTERNATE I)
52.236-14	APR 1984	AVAILABILITY AND USE OF UTILITY SERVICES
52.236-15	APR 1984	SCHEDULES FOR CONSTRUCTION
		CONTRACTS
52.236-21	FEB 1997	SPECIFICATIONS AND DRAWINGS

II. NASA FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 18)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
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No NASA By-reference clauses in H.11.

H.12 EXTENDED WARRANTIES-CONSTRUCTION (JSC 52.246-94) (OCT 1999)

Any extended warranty or guarantee required by the specifications shall be constructed as being in addition to the 1-year warranty required by clause 52.246.21, Warranty of Construction.

(End of Clause)

CLAUSES THAT PERTAIN TO ARCHITECT AND ENGINEER ONLY

H.13 LISTING OF CLAUSES INCORPORATED BY REFERENCE – N/A

H.14 GOVERNMENT RIGHTS (UNLIMITED) (JSC 52.227-90) (FEB 1994)

The Government shall have the unlimited rights for the benefit of the Government in all drawings, designs, specifications, notes, and other work developed in the performance of this contract, including the right to use same on any other Government work without additional cost to the Government, and with respect thereto, the Architect-Engineer agrees to and does hereby grant to the Government a royalty-free license to all such data which may be covered by copyright and to all designs as to which any rights may be asserted or any claims established under the design patent or copyright laws. The Architect-Engineer for a period of 3 years after completion of the project agrees to furnish and to provide access to the originals or copies of all such materials on the request of the contracting officer.

(End of Clause)

[END OF SECTION]

**PART II CONTRACT CLAUSES
SECTION I**

CONTRACT CLAUSES

CLAUSES THAT PERTAIN TO THE CONTRACT IN GENERAL

I.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following solicitation provisions and/or contract clauses pertinent to this section are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
52.202-1	OCT 1995	DEFINITIONS (Other than Construction)
52.203-3	APR 1984	GRATUITIES
52.203-5	APR 1984	COVENANT AGAINST CONTINGENT FEES
52.203-6	JUL 1995	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT
52.203-7	JUL 1995	ANTI-KICKBACK PROCEDURES
52.203-8	JAN 1997	CANCELLATION, RECISION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY
52.203-10	JAN 1997	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY
52.203-12	JUN 1997	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS
52.204-2	AUG 1996	SECURITY REQUIREMENTS
52.204-4	AUG 2000	PRINTING/COPYING DOUBLE-SIDED ON RECYCLED PAPER
52.208-8	JUN 1997	HELIUM REQUIREMENT FORECASTS AND REQUIRED SOURCES FOR HELIUM
52.208-9	MAR 1996	CONTRACTOR USE OF MANDATORY SOURCES OF SUPPLY
52.209-6	JUL 1995	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT
52.211-5	AUG 2000	MATERIAL REQUIREMENTS
52.211-15	SEP 1990	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS
52.215-2	JUN 1999	AUDIT AND RECORDS—NEGOTIATION
52.215-8	OCT 1997	ORDER OF PRECEDENCE—UNIFORM CONTRACT FORMAT
52.215-11	OCT 1997	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA – MODIFICATIONS

52.215-13	OCT 1997	SUBCONTRACTOR COST OR PRICING DATA – MODIFICATIONS
52.215-14	OCT 1997	INTEGRITY OF UNIT PRICES
52.215-21	OCT 1997	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA – MODIFICATIONS
52.216-7	MAR 2000	ALLOWABLE COST AND PAYMENT
52.216-18	OCT 1995	ORDERING (fill in para (a) February 1, 2002 and March 31, 2004 respectively or as modified by exercising of option(s) at F.6.)
52.219-8	OCT 2000	UTILIZATION OF SMALL BUSINESS CONCERNS
52.219-9	OCT 2000	SMALL BUSINESS SUBCONTRACTING PLAN (ALTERNATE II)(JAN 99)
52.219-16	JAN 1999	LIQUIDATED DAMAGES-SUBCONTRACTING PLAN
52.219-25	OCT 1999	SMALL DISADVANTAGED BUSINESS PARTICIPATION PROGRAM – DISADVANTAGED STATUS AND REPORTING
52.222-1	FEB 1997	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES
52.222-3	AUG 1996	CONVICT LABOR
52.222-4	SEP 2000	CONTRACT WORK HOURS AND SAFETY STANDARDS ACT OVERTIME COMPENSATION
52.222-19	FEB 2001	CHILD LABOR—COOPERATION WITH AUTHORITIES AND REMEDIES
52.222-20	DEC 1996	WALSH-HEALEY PUBLIC CONTRACTS ACT
52.222-21	FEB 1999	PROHIBITION OF SEGREGATED FACILITIES
52.222-26	FEB 1999	EQUAL OPPORTUNITY
52.222-35	APR 1998	AFFIRMATIVE ACTION FOR SPECIAL DISABLED AND VIETNAM ERA VETERANS
52.222-36	JUN 1998	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES
52.222-37	JAN 1999	EMPLOYMENT REPORTS ON DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA
52.222-41	MAY 1989	SERVICE CONTRACT ACT OF 1965, AS AMENDED

Deleted: 52.219-26 OCT 2000 SMALL DISADVANTAGED BUSINESS ¶ PARTICIPATION PROGRAM – ¶ INCENTIVE SUBCONTRACTING ¶

The following clause (52.222-43) entitled "Fair Labor Standards Act and Service Contract Act—Price Adjustment (Multiple Year and Option Contracts) applies only to Annexes 6, 7, and 14. The parties agree that this clause cannot reasonably be interpreted as a basis to negotiate any adjustment(s) to any ID/IQ pricing coefficients or the R. S. Means industry price data:

Deleted: 13,

52.222-43	MAY 1989	FAIR LABOR STANDARDS ACT AND SERVICE CONTRACT ACT--PRICE ADJUSTMENT (MULTIPLE YEAR AND OPTION CONTRACTS)
52.223-5	APR 1998	POLLUTION PREVENTION AND RIGHT TO KNOW INFORMATION
52.223-9	AUG 2000	CERTIFICATION AND ESTIMATE OF PERCENTAGE OF RECOVERED MATERIAL

		CONTENT FOR EPA—DESIGNATED PRODUCTS
52.223-10	AUG 2000	WASTE REDUCTION PROGRAM
52.223-12	MAY 1995	REFRIGERATION EQUIPMENT AND AIR CONDITIONERS
52.223-14	OCT 2000	TOXIC CHEMICAL RELEASE REPORTING
52.225-13	JUL 2000	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES
52.227-1	JUL 1995	AUTHORIZATION AND CONSENT
52.227-2	AUG 1996	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT
52.227-16	JUN 1987	ADDITIONAL DATA REQUIREMENTS

The following 3 clauses (52.228-5, 52.229-3, and 52.229-5) entitled "Insurance – Work on a Government Installation," "Federal, State, and Local Taxes," and "Taxes—Contracts Performed in U.S. Possessions or Puerto Rico" only apply to fixed-price services under SOW Annexes 6, 7, and 14:

52.228-5	JAN 1997	INSURANCE - WORK ON A GOVERNMENT INSTALLATION
52.229-3	JAN 1991	FEDERAL, STATE, AND LOCAL TAXES
52.229-5	APR 1984	TAXES--CONTRACTS PERFORMED IN U.S. POSSESSIONS OR PUERTO RICO

The following 2 clauses (52.230-2 and 52.230-6) entitled "Cost Accounting Standards," and "Administration of Cost Accounting Standards" respectively only apply to cost-reimbursable services under SOW Annexes 1-5 and 8-13:

52.230-2	APR 1998	COST ACCOUNTING STANDARDS
52.230-6	NOV 1999	ADMINISTRATION OF COST ACCOUNTING STANDARDS

The following 3 clauses (52.232-1, 52.232-8, and 52.232-11) entitled "Payments," "Discounts for Prompt Payment," and "Extras" respectively only apply to fixed-price services under SOW Annexes 6, 7, and 14:

52.232-1	APR 1984	PAYMENTS
52.232-8	MAY 1997	DISCOUNTS FOR PROMPT PAYMENT
52.232-11	APR 1984	EXTRAS
52.232-17	JUN 1996	INTEREST
52.232-22	APR 1984	LIMITATION OF FUNDS
52.232-23	JAN 1986	ASSIGNMENT OF CLAIMS
52.232-25	JUN 1997	PROMPT PAYMENT
52.232-34	MAY 1999	PAYMENT BY ELECTRONIC FUNDS TRANSFER—OTHER THAN CENTRAL CONTRACTOR REGISTRATION
52.233-1	DEC 1998	DISPUTES (ALTERNATE I) (DEC 1991)
52.233-3	AUG 1996	PROTEST AFTER AWARD (ALTERNATE I) (JUN 1985)
52.237-2	APR 1984	PROTECTION OF GOVERNMENT BUILDINGS, EQUIPMENT, AND VEGETATION
52.237-3	JAN 1991	CONTINUITY OF SERVICES

52.239-1	AUG 1996	PRIVACY OR SECURITY SAFEGUARDS
52.242-1	APR 1984	NOTICE OF INTENT TO DISALLOW COSTS
52.242-3	OCT 1995	PENALTIES FOR UNALLOWABLE COSTS
52.242-4	JAN 1997	CERTIFICATION OF FINAL INDIRECT COSTS
52.242-13	JUL 1995	BANKRUPTCY

The following clause (52.243-1) entitled "Changes—Fixed Price (Alternate II)" only applies to fixed price services under SOW Annexes 6, 7, and 14:

52.243-1	AUG 1987	CHANGES—FIXED PRICE (ALTERNATE II) (APR 1984)
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The following clause (52.243-2) entitled "Changes—Cost-Reimbursement (Alternate II)" only applies to cost reimbursable services under SOW Annexes 1-5, and 8-13:

52.243-2	AUG 1987	CHANGES—COST-REIMBURSEMENT (ALTERNATE II)(APR 1984)
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52.243-7	APR 1984	NOTIFICATION OF CHANGES
52.244-6	OCT 1998	SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS

The following clause (52.245-2) entitled "Government Property (Fixed-Price Contracts)" only applies to fixed price services under SOW Annexes 6, 7, and 14:

52.245-2	DEC 1989	GOVERNMENT PROPERTY (FIXED-PRICE CONTRACTS)(ALTERATE I)(APR 1984)
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The following clause (52.245-5) entitled "Government Property (Cost-Reimbursement, Time-and-Material, or Labor-Hour Contracts)(Deviation)(As Modified by NASA PIC 98-13)" only applies to Annexes 1 through 5 and 8 through 13.

52.245-5	JAN 1986	GOVERNMENT PROPERTY (COST- REIMBURSEMENT, TIME-AND-MATERIAL, OR LABOR-HOUR CONTRACTS)(DEVIATION)(AS MODIFIED BY NASA PIC 98-13)
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52.246-25	FEB 1997	LIMITATION OF LIABILITY—SERVICES
52.248-1	FEB 2000	VALUE ENGINEERING

The following 2 clauses (52.249-2 and 52.249-8) entitled "Termination for Convenience of the Government (Fixed Price)," and "Default (Fixed-Price Supply and Service)" respectively only apply to services provided under SOW Annexes 6, 7, and 14:

52.249-2	SEP 1996	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED PRICE)
52.249-8	APR 1984	DEFAULT (FIXED-PRICE SUPPLY AND SERVICE)

The following clause (52.249-6) entitled "Termination (Cost-Reimbursement)" applies to services provided under SOW Annexes 1 through 5 and 8 through 13.

52.249-6	SEP 1996	TERMINATION (COST-REIMBURSEMENT)
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52.251-1	APR 1984	GOVERNMENT SUPPLY SOURCES
52.252-2	FEB 1988	CLAUSES INCORPORATED BY REFERENCE

II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
1852.204-74	AUG 2000	CENTRAL CONTRACTOR REGISTRATION
1852.219-74	SEP 1990	USE OF RURAL AREA SMALL BUSINESSES
1852.219-75	MAY 1999	SMALL BUSINESS SUBCONTRACTING REPORTING
1852.219-76	JUL 1997	NASA 8 PERCENT GOAL
1852.219-77	MAY 1999	NASA MENTOR-PROTÉGÉ PROGRAM
1852.219-79	MAR 1999	MENTOR REQUIREMENTS AND EVALUATION
1852.223-74	MAR 1996	DRUG-AND ALCOHOL-FREE WORKFORCE
1852.228-75	OCT 1988	MINIMUM INSURANCE COVERAGE
1852.236-73	DEC 1988	HURRICANE PLAN
1852.237-70	DEC 1988	EMERGENCY EVACUATION PROCEDURES
1852.243-71	MAR 1997	SHARED SAVINGS
1852.245-73	SEP 2000	FINANCIAL REPORTING OF NASA PROPERTY IN THE CUSTODY OF CONTRACTORS
1852.245-75	MAR 1989	TITLE TO EQUIPMENT

I.2 APPROVAL OF CONTRACT (FAR 52.204-1)(DEC 1989)

This contract is subject to the written approval of the Procurement Officer and shall not be binding until so approved.

(End of Clause)

I.3 INDEFINITE QUANTITY (FAR 52.216-22) (OCT 1995)

(a) This is an indefinite-quantity contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies and services specified in the Schedule are estimates only and are not purchased by this contract.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. The Contractor shall furnish to the Government, when and if ordered, the supplies or services specified in the Schedule up to and including the quantity designated in the Schedule as the "maximum." The Government shall order at least the quantity of supplies or services designated in the Schedule as the "minimum."

(c) Except for any limitations on quantities in the Order Limitations clause or in the Schedule, there is no limit on the number of orders that may be issued. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(d) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after March 31, 2004.

(End of clause)

1.4 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (52.222-42) (May 1989)

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

This Statement is for Information Only:
It is not a Wage Determination

Employee Class Monetary Wage-Fringe Benefits

See SF98 in Section J, Attachment E, Pages J-E, 4 through J-E, 8.

Deleted: _____
Deleted: ¶

(End of clause)

**1.5 SCA MINIMUM WAGES AND FRINGE BENEFITS (FAR 52.222-47)
(MAY 1989)**

An SCA wage determination applicable to this work has been requested from the U.S. Department of Labor. If an SCA wage determination is not incorporated herein, the bidders/offerors shall consider the economic terms of the collective bargaining agreement (CBA) between the incumbent Contractor, BRSP, and the "International Association of Machinists, Construction Building Trades, International Union of Operating Engineers, Teamsters" (unions). If the economic terms of the collective bargaining agreement or the collective bargaining agreement itself is not attached to the solicitation, copies can be obtained from the Contracting Officer. Pursuant to Department of Labor Regulation, 29 CFR 4.1b and paragraph (g) of the clause at 52.222-41, Service Contract Act of 1965, as amended, the economic terms of that agreement will apply to the contract resulting from this solicitation, notwithstanding the absence of a wage determination reflecting such terms, unless it is determined that the agreement was not the result of arm's length negotiations or that after a hearing pursuant to section 4(c) of the Act, the economic terms of the agreement are substantially at variance with the wages prevailing in the area.

(End of clause)

I.6 HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA
(FAR 52.223-3) (JAN 1997) ALTERNATE I (JULY 1995)

(a) "Hazardous material," as used in this clause, includes any material defined as hazardous under the latest version of Federal Standard No. 313 (including revisions adopted during the term of the contract).

(b) The offeror must list any hazardous material, as defined in paragraph (a) of this clause, to be delivered under this contract. The hazardous material shall be properly identified and include any applicable identification number, such as National Stock Number or Special Item Number. This information shall also be included on the Material Safety Data Sheet submitted under this contract.

Material

(If none, insert "None") Identification No.

(c) This list must be updated during performance of the contract whenever the Contractor determines that any other material to be delivered under this contract is hazardous.

(d) The apparently successful offeror agrees to submit, for each item as required prior to award, a Material Safety Data Sheet, meeting the requirements of 29 CFR 1910.1200(g) and the latest version of Federal Standard No. 313, for all hazardous material identified in paragraph (b) of this clause. Data shall be submitted in accordance with Federal Standard No. 313, whether or not the apparently successful offeror is the actual manufacturer of these items. Failure to submit the Material Safety Data Sheet prior to award may result in the apparently successful offeror being considered nonresponsible and ineligible for award.

(e) If, after award, there is a change in the composition of the item(s) or a revision to Federal Standard No. 313, which renders incomplete or inaccurate the data submitted under paragraph (d) of this clause, the Contractor shall promptly notify the Contracting Officer and resubmit the data.

(f) Neither the requirements of this clause nor any act or failure to act by the Government shall relieve the Contractor of any responsibility or liability for the safety of Government, Contractor, or subcontractor personnel or property.

(g) Nothing contained in this clause shall relieve the Contractor from complying with applicable Federal, State, and local laws, codes, ordinances, and regulations (including the obtaining of licenses and permits) in connection with hazardous material.

(h) The Government's rights in data furnished under this contract with respect to hazardous material are as follows:

(1) To use, duplicate and disclose any data to which this clause is applicable. The purposes of this right are to--

(i) Apprise personnel of the hazards to which they may be exposed in using, handling, packaging, transporting, or disposing of hazardous materials;

(ii) Obtain medical treatment for those affected by the material; and

(iii) Have others use, duplicate, and disclose the data for the Government for these purposes.

(2) To use, duplicate, and disclose data furnished under this clause, in accordance with subparagraph (h)(1) of this clause, in precedence over any other clause of this contract providing for rights in data.

(3) The Government is not precluded from using similar or identical data acquired from other sources.

(i) Except as provided in paragraph (i)(2), the Contractor shall prepare and submit a sufficient number of Material Safety Data Sheets (MSDS's), meeting the requirements of 29 CFR 1910.1200(g) and the latest version of Federal Standard No. 313, for all hazardous materials identified in paragraph (b) of this clause.

(1) For items shipped to consignees, the Contractor shall include a copy of the MSDS's with the packing list or other suitable shipping document, which accompanies each shipment. Alternatively, the Contractor is permitted to transmit MSDS's to consignees in advance of receipt of shipments by consignees, if authorized in writing by the Contracting Officer.

(2) For items shipped to consignees identified by mailing address as agency depots, distribution centers or customer supply centers, the Contractor shall provide one copy of the MSDS's in or on each shipping container. If affixed to the outside of each container, the MSDS's must be placed in a weather resistant envelope.

(End of Clause)

I.7 OZONE-DEPLETING SUBSTANCES (FAR 52.223-11)(JUN 1996)

(a) Definition. "Ozone-depleting substance", as used in this clause, means any substance designated as Class I by the Environmental Protection Agency (EPA) (40 CFR Part 82), including but not limited to chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or any substance designated as Class II by EPA (40 CFR Part 82), including but not limited to hydro chlorofluorocarbons.

(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j (b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

Warning

Contains (or manufactured with, if applicable) * _____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

* The Contractor shall insert the name of the substance(s).

(End of clause)

I.8 SECURITY REQUIREMENTS FOR UNCLASSIFIED TECHNOLOGY INFORMATION RESOURCES (NASA 1852.204-76)(JULY 2000)

(a) The Contractor shall comply with the security requirements outlined in NASA Policy Directive (NPD)2810.1, Security of Information Technology, and NASA Procedures and Guidelines (NPG) 2810.1, Security of Information Technology. These policies apply to all IT systems and networks under NASA's purview operated by or on behalf of the Federal Government, regardless of location.

(b) (1) The Contractor shall ensure compliance by its employees with Federal directives and guidelines that deal with IT Security including, but not limited to, OMB Circular A-130, Management of Federal Information Resources, OMB Circular A-130 Appendix III, Security of Federal Automated Information Resources, the Computer Security Act of 1987 (40 U.S.C. 1441 et seq.), and all applicable Federal Information Processing Standards (FIPS).

(2) All Federally owned information is considered sensitive to some degree and must be appropriately protected by the Contractor as specified in applicable IT Security Plans. Types of sensitive information that may be found on NASA systems that the Contractor may have access to include but are not limited to --

(i) Privacy Act information (5 U.S.C. 552a et seq.);

(ii) Export Controlled Data, (e.g. Resources protected by the International Traffic in Arms Regulations (22 CFR Parts 120-130)).

(3) The Contractor shall ensure that all systems connected to a NASA network or operated by the Contractor for NASA conform to NASA and Center security policies and procedures.

(c) (1) The Contractor's screening of Contractor personnel will be conducted in accordance with NPG 2810.1, Section 4.5 for personnel requiring unescorted or unsupervised physical or electronic access to NASA systems, programs, and data.

(2) The Contractor shall ensure that all such employees have at least a National Agency Check investigation. The Contractor shall submit a personnel security questionnaire (NASA Form 531), Name Check Request for National Agency Check (NAC) investigation, and Standard Form 85P, Questionnaire for Public Trust Positions (for specified sensitive positions), and a Fingerprint Card (FD-258 with NASA overprint in Origin Block) to the Center Chief of Security for each Contractor employee requiring screening. The required forms may be obtained from the Center Chief of Security. In the event that the NAC is not satisfactory, access shall not be granted. At the option of the Government, background screenings may not be required for employees with recent or current Federal Government investigative clearances.

- (3) The Contractor shall have an employee checkout process that ensures --
- (i) Return of badges, keys, electronic access devices and NASA equipment;
 - (ii) Notification to NASA of planned employee terminations at least three days in advance of the employee's departure. In the case of termination for cause, NASA shall be notified immediately. All NASA accounts and/or network access granted terminated employees shall be disabled immediately upon the employee's separation from the Contractor; and
 - (iii) That the terminated employee has no continuing access to systems under the operation of the Contractor for NASA. Any access must be disabled the day the employee separates from the Contractor.
- (4) Granting a non-permanent resident alien (foreign national) access to NASA IT resources requires special authorization. The Contractor shall obtain authorization from the Center Chief of Security prior to granting a non-permanent resident alien access to NASA IT systems and networks.

(d) (1) The Contractor shall ensure that its employees with access to NASA information resources receive annual IT security awareness and training in NASA IT Security policies, procedures, computer ethics, and best practices.

(2) The Contractor shall employ an effective method for communicating to all its employees and assessing that they understand any Information Technology Security policies and guidance provided by the Center Information Technology Security Manager (CITSM) and/or Center CIO Representative as part of the new employee briefing process. The Contractor shall ensure that all employees represent that they have read and understand any new Information Technology Security policy and guidance provided by the CITSM and Center CIO Representative over the duration of the contract.

(3) The Contractor shall ensure that its employees performing duties as system and network administrators in addition to performing routine maintenance possess specific IT security skills. These skills include the following:

- (i) Utilizing software security tools.
- (ii) Analyzing logging and audit data.
- (iii) Responding and reporting to computer or network incidents as per NPG 2810.1.
- (iv) Preserving electronic evidence as per NPG 2810.1.
- (v) Recovering to a safe state of operation.

(4) The Contractor shall provide training to employees to whom they plan to assign system administrator roles. That training shall provide the employees with a full level of proficiency to meet all NASA system administrators' functional requirements. The Contractor shall have methods or processes to document that employees have mastered the training material, or have the required knowledge and skills. This applies to all system administrator requirements.

(e) The Contractor shall promptly report to the Center IT Security Manager any suspected computer or network security incidents occurring on any system operated by the Contractor for NASA or connected to a NASA network. If it is validated that there is an incident, the Contractor shall provide access to the affected system(s) and system records to NASA and any NASA designated third party so that a detailed investigation can be conducted.

(f) The Contractor shall develop procedures and implementation plans that ensure that IT resources leaving the control of an assigned user (such as being reassigned, repaired, replaced, or excessed) have all NASA data and sensitive application software permanently removed by a NASA- approved technique. NASA-owned applications acquired via a "site license" or "server license" shall be removed prior to the resources leaving NASA's use. Damaged IT storage media for which data recovery is not possible shall be degaussed or destroyed. If the assigned task is to be assumed by another duly authorized person, at the

Government's option, the IT resources may remain intact for assignment and use of the new user.

(g) The Contractor shall afford NASA, including the Office of Inspector General, access to the Contractor's and subcontractor's facilities, installations, operations, documentation, databases and personnel. Access shall be provided to the extent required to carry out a program of IT inspection, investigation and audit to safeguard against threats and hazards to the integrity, availability and confidentiality of NASA data, and to preserve evidence of computer crime.

(h) (1) The Contractor shall document all vulnerability testing and risk assessments conducted in accordance with NPG 2810.1 and any other IT security requirements specified in the contract or as directed by the Contracting Officer.

(2) The results of these tests shall be provided to the Center IT Security Manager. Any Contractor system(s) connected to a NASA network or operated by the Contractor for NASA may be subject to vulnerability assessment or penetration testing as part of the Center's IT security compliance assessment and the Contractor shall be required to assist in the completion of these activities.

(3) A decision to accept any residual risk shall be the responsibility of NASA. The Contractor shall notify the NASA system owner and the NASA data owner within 5 working days if new or unanticipated threats or hazards are discovered by the Contractor, made known to the Contractor, or if existing safeguards fail to function effectively. The Contractor shall make appropriate risk reduction recommendations to the NASA system owner and/or the NASA data owner and document the risk or modifications in the IT Security Plan.

(i) The Contractor shall develop a procedure to accomplish the recording and tracking of IT System Security Plans, including updates, and IT system penetration and vulnerability tests for all NASA systems under its control or for systems outsourced to them to be managed on behalf of NASA. The Contractor must report the results of these actions directly to the Center IT Security Manager.

(j) When directed by the Contracting Officer, the Contractor shall submit for NASA approval a post-award security implementation plan outlining how the Contractor intends to meet the requirements of NPG 2810.1. The plan shall subsequently be incorporated into the contract as a compliance document after receiving Government approval. The plan shall demonstrate thorough understanding of NPG 2810.1 and shall include as a minimum, the security measures and program safeguards to ensure that IT resources acquired and used by Contractor and subcontractor personnel --

(1) Are protected from unauthorized access, alteration, disclosure, or misuse of information processed, stored, or transmitted;

(2) Can maintain the continuity of automated information support for NASA missions, programs, and functions;

(3) Incorporate management, general, and application controls sufficient to provide cost-effective assurance of the systems' integrity and accuracy;

(4) Have appropriate technical, personnel, administrative, environmental, and access safeguards;

(5) Document and follow a virus protection program for all IT resources under its control; and

(6) Document and follow a network intrusion prevention program for all IT resources under its control.

(k) Prior to selecting any IT security solution, the Contractor shall consult with their Center IT Security Manager to ensure interoperability and compatibility with other systems with which there is a data or system interface requirement.

(l) The Contractor shall comply with all Federal and NASA encryption requirements for NASA flight programs (e.g., secure flight termination systems, encryption for satellite uplinks, encryption for flight and satellite command and control for both up and down link) and involve the Center Communications Security (COMSEC) Manager when selecting encryption solutions.

(m) The Contractor shall incorporate this clause in all subcontracts where the requirements identified in this clause are applicable to the performance of the subcontract.

(End of clause)

I.9 DRUG-FREE WORKPLACE (FAR 52.223-6)(JAN 1997)

(a) Definitions. As used in this clause--

"Controlled substance" means a controlled substance in schedules I through V of section 202 of the Controlled Substances Act (21 U.S.C. 812) and as further defined in regulation at 21 CFR 1308.11 - 1308.15.

"Conviction" means a finding of guilt (including a plea of nolo contendere) or imposition of sentence, or both, by any judicial body charged with the responsibility to determine violations of the Federal or State criminal drug statutes.

"Criminal drug statute" means a Federal or non-Federal criminal statute involving the manufacture, distribution, dispensing, possession, or use of any controlled substance.

"Drug-free workplace" means the site(s) for the performance of work done by the Contractor in connection with a specific contract at which employees of the Contractor are prohibited from engaging in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance.

"Employee" means an employee of a Contractor directly engaged in the performance of work under a Government contract. "Directly engaged" is defined to include all direct cost employees and any other Contractor employee who has other than a minimal impact or involvement in contract performance.

"Individual" means an offeror/contractor that has no more than one employee including the offeror/contractor.

(b) The Contractor, if other than an individual, shall-- within 30 days after award (unless a longer period is agreed to in writing for contracts of 30 days or more performance duration), or as soon as possible for contracts of less than 30 days performance duration--

(1) Publish a statement notifying its employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the Contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition;

(2) Establish an ongoing drug-free awareness program to inform such employees about--

(i) The dangers of drug abuse in the workplace;

- (ii) The Contractor's policy of maintaining a drug-free workplace;
 - (iii) Any available drug counseling, rehabilitation, and employee assistance programs; and
 - (iv) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (3) Provide all employees engaged in performance of the contract with a copy of the statement required by subparagraph (b)(1) of this clause;
- (4) Notify such employees in writing in the statement required by subparagraph (b)(1) of this clause that, as a condition of continued employment on this contract, the employee will—
- (i) Abide by the terms of the statement; and
 - (ii) Notify the employer in writing of the employee's conviction under a criminal drug statute for a violation occurring in the workplace no later than 5 days after such conviction;
- (5) Notify the Contracting Officer in writing within 10 days after receiving notice under subdivision (b)(4)(ii) of this clause, from an employee or otherwise receiving actual notice of such conviction. The notice shall include the position title of the employee;
- (6) Within 30 days after receiving notice under subdivision (b)(4)(ii) of this clause of a conviction, take one of the following actions with respect to any employee who is convicted of a drug abuse violation occurring in the workplace:
- (i) Taking appropriate personnel action against such employee, up to and including termination; or
 - (ii) Require such employee to satisfactorily participate in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency; and
- (7) Make a good faith effort to maintain a drug-free workplace through implementation of subparagraphs (b)(1) through (b)(6) of this clause.
- (c) The Contractor, if an individual, agrees by award of the contract or acceptance of a purchase order, not to engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance while performing this contract.
- (d) In addition to other remedies available to the Government, the Contractor's failure to comply with the requirements of paragraph (b) or (c) of this clause may, pursuant to FAR 23.506, render the Contractor subject to suspension of contract payments, termination of the contract or default, and suspension or debarment.

(End of clause)

**I.10 RIGHTS IN DATA--GENERAL (52.227-14) (JUN 1987) (AS MODIFIED BY
NFS 1852-227-14)**

(a) Definitions. "Computer software," as used in this clause, means computer programs, computer databases, and documentation thereof. "Data," as used in this clause, means recorded information, regardless of form or the media on which it may be recorded. The term includes technical data and computer software. The term does not include information incidental to contract administration, such as financial, administrative, cost or pricing, or management information.

"Form, fit, and function data," as used in this clause, means data relating to items, components, or processes that are sufficient to enable physical and functional interchangeability, as well as data identifying source, size, configuration, mating, and attachment characteristics, functional characteristics, and performance requirements; except that for computer software it means data identifying source, functional characteristics, and performance requirements but specifically excludes the source code, algorithm, process, formulae, and flow charts of the software.

"Limited rights," as used in this clause, means the rights of the Government in limited rights data as set forth in the Limited Rights Notice of subparagraph (g)(2) if included in this clause.

"Limited rights data," as used in this clause, means data (other than computer software) that embody trade secrets or are commercial or financial and confidential or privileged, to the extent that such data pertain to items, components, or processes developed at private expense, including minor modifications thereof.

"Restricted computer software," as used in this clause, means computer software developed at private expense and that is a trade secret; is commercial or financial and is confidential or privileged; or is published copyrighted computer software, including minor modifications of such computer software.

"Restricted rights," as used in this clause, means the rights of the Government in restricted computer software, as set forth in a Restricted Rights Notice of subparagraph (g)(3) if included in this clause, or as otherwise may be provided in a collateral agreement incorporated in and made part of this contract, including minor modifications of such computer software.

"Technical data," as used in this clause, means data (other than computer software), which are of a scientific or technical nature.

"Unlimited rights," as used in this clause, means the right of the Government to use, disclose, reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, in any manner and for any purpose, and to have or permit others to do so.

(b) Allocation of rights. (1) Except as provided in paragraph (c) of this clause regarding copyright, the Government shall have unlimited rights in--

(i) Data first produced in the performance of this contract;

(ii) Form, fit, and function data delivered under this contract;

(iii) Data delivered under this contract (except for restricted computer software) that constitute manuals or instructional and training material for installation, operation, or routine maintenance and repair of items, components, or processes delivered or furnished for use under this contract; and

(iv) All other data delivered under this contract unless provided otherwise for limited rights data or restricted computer software in accordance with paragraph (g) of this clause.

(2) The Contractor shall have the right to--

(i) Use, release to others, reproduce, distribute, or publish any data first produced or specifically used by the Contractor in the performance of this contract, unless provided otherwise in paragraph (d) of this clause;

(ii) Protect from unauthorized disclosure and use those data which are limited rights data or restricted computer software to the extent provided in paragraph (g) of this clause;

(iii) Substantiate use of, add or correct limited rights, restricted rights, or copyright notices and to take other appropriate action, in accordance with paragraphs (e) and (f) of this clause; and

(iv) Establish claim to copyright subsisting in data first produced in the performance of this contract to the extent provided in subparagraph (c)(1) of this clause.

(c) Copyright--(1) Data first produced in the performance of this contract. Unless provided otherwise in paragraph (d) of this clause, the Contractor may establish, without prior approval of the Contracting Officer, claim to copyright subsisting in scientific and technical articles based on or containing data first produced in the performance of this contract and published in academic, technical or professional journals, symposia proceedings or similar works. The prior, express written permission of the Contracting Officer is required to establish claim to copyright subsisting in all other data first produced in the performance of this contract. When claim to copyright is made, the Contractor shall affix the applicable copyright notices of 17 U.S.C. 401 or 402 and acknowledgment of Government sponsorship (including contract number) to the data when such data are delivered to the Government, as well as when the data are published or deposited for registration as a published work in the U.S. Copyright Office. For data other than computer software the Contractor grants to the Government, and others acting on its behalf, a paid-up, nonexclusive, irrevocable worldwide license in such copyrighted data to reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, by or on behalf of the Government. For computer software, the Contractor grants to the Government and others acting in its behalf, a paid-up nonexclusive, irrevocable worldwide license in such copyrighted computer software to reproduce, prepare derivative works, and perform publicly and display publicly by or on behalf of the Government.

(2) Data not first produced in the performance of this contract. The Contractor shall not, without prior written permission of the Contracting Officer, incorporate in data delivered under this contract any data not first produced in the performance of this contract and which contains the copyright notice of 17 U.S.C. 401 or 402, unless the Contractor identifies such data and grants to the Government, or acquires on its behalf, a license of the same scope as set forth in subparagraph (c)(1) of this clause; provided, however, that if such data are computer software the Government shall acquire a copyright license as set forth in subparagraph (g)(3) of this

clause if included in this contract or as otherwise may be provided in a collateral agreement incorporated in or made part of this contract.

(3) Removal of copyright notices. The Government agrees not to remove any copyright notices placed on data pursuant to this paragraph (c), and to include such notices on all reproductions of the data.

(d) Release, publication and use of data. (1) The Contractor shall have the right to use, release to others, reproduce, distribute, or publish any data first produced or specifically used by the Contractor in the performance of this contract, except to the extent such data may be subject to the Federal export control or national security laws or regulations, or unless otherwise provided in this paragraph of this clause or expressly set forth in this contract.

(2) The Contractor agrees that to the extent it receives or is given access to data necessary for the performance of this contract, which contain restrictive markings, the Contractor shall treat the data in accordance with such markings unless otherwise specifically authorized in writing by the Contracting Officer.

(3) (i) The Contractor agrees not to establish claim to copyright, publish or release to others any computer software first produced in the performance of this contract without the Contracting Officer's prior written permission.

(ii) If the Government desires to obtain copyright in computer software first produced in the performance of this contract and permission has not been granted as set forth in paragraph (d)(3)(i) of this clause, the Contracting Officer may direct the contractor to assert, or authorize the assertion of, claim to copyright in such data and to assign, or obtain the assignment of, such copyright to the Government or its designated assignee.

(iii) Whenever the word "establish" is used in this clause, with reference to a claim to copyright, it shall be construed to mean "assert".

(e) Unauthorized marking of data. (1) Notwithstanding any other provisions of this contract concerning inspection or acceptance, if any data delivered under this contract are marked with the notices specified in subparagraph (g)(2) or (g)(3) of this clause and use of such is not authorized by this clause, or if such data bears any other restrictive or limiting markings not authorized by this contract, the Contracting Officer may at any time either return the data to the Contractor, or cancel or ignore the markings. However, the following procedures shall apply prior to canceling or ignoring the markings.

(i) The Contracting Officer shall make written inquiry to the Contractor affording the Contractor 30 days from receipt of the inquiry to provide written justification to substantiate the propriety of the markings;

(ii) If the Contractor fails to respond or fails to provide written justification to substantiate the propriety of the markings within the 30-day period (or a longer time not exceeding 90 days approved in writing by the Contracting Officer for good cause shown), the Government shall have the right to cancel or ignore the markings at any time after said period and the data will no longer be made subject to any disclosure prohibitions.

(iii) If the Contractor provides written justification to substantiate the propriety of the markings within the period set in subdivision (e)(1)(i) of this clause, the Contracting Officer shall consider such written justification and determine whether or not the markings are to be cancelled or ignored. If the Contracting Officer determines that the markings are authorized, the Contractor shall be so notified in writing. If the Contracting Officer determines, with concurrence of the head of the contracting activity, that the markings are not authorized, the Contracting Officer shall furnish the Contractor a written determination, which determination shall become the final agency decision regarding the appropriateness of the markings unless the Contractor files suit in a court of competent jurisdiction within 90 days of receipt of the Contracting Officer's decision. The Government shall continue to abide by the markings under this subdivision (e)(1)(iii) until final resolution of the matter either by the Contracting Officer's determination becoming final (in which instance the Government shall thereafter have the right to cancel or ignore the markings at any time and the data will no longer be made subject to any disclosure prohibitions), or by final disposition of the matter by court decision if suit is filed.

(2) The time limits in the procedures set forth in subparagraph (e)(1) of this clause may be modified in accordance with agency regulations implementing the Freedom of Information Act (5 U.S.C. 552) if necessary to respond to a request thereunder.

(3) This paragraph (e) does not apply if this contract is for a major system or for support of a major system by a civilian agency other than NASA and the U.S. Coast Guard agency subject to the provisions of Title III of the Federal Property and Administrative Services Act of 1949.

(4) Except to the extent the Government's action occurs as the result of final disposition of the matter by a court of competent jurisdiction, the Contractor is not precluded by this paragraph (e) from bringing a claim under the Contract Disputes Act, including pursuant to the Disputes clause of this contract, as applicable, that may arise as the result of the Government removing or ignoring authorized markings on data delivered under this contract.

(f) Omitted or incorrect markings. (1) Data delivered to the Government without either the limited rights or restricted rights notice as authorized by paragraph (g) of this clause, or the copyright notice required by paragraph (c) of this clause, shall be deemed to have been furnished with unlimited rights, and the Government assumes no liability for the disclosure, use, or reproduction of such data. However, to the extent the data has not been disclosed without restriction outside the Government, the Contractor may request, within 6 months (or a longer time approved by the Contracting Officer for good cause shown) after delivery of such data, permission to have notices placed on qualifying data at the Contractor's expense, and the Contracting Officer may agree to do so if the Contractor--

(i) Identifies the data to which the omitted notice is to be applied;

(ii) Demonstrates that the omission of the notice was inadvertent;

(iii) Establishes that the use of the proposed notice is authorized; and

(iv) Acknowledges that the Government has no liability with respect to the disclosure, use, or reproduction of any such data made prior to the addition of the notice or resulting from the omission of the notice.

(2) The Contracting Officer may also (i) permit correction at the Contractor's expense of incorrect notices if the Contractor identifies the data on which correction of the notice is to be made, and demonstrates that the correct notice is authorized, or (ii) correct any incorrect notices.

(g) Protection of limited rights data and restricted computer software. (1) When data other than that listed in subdivisions (b)(1)(i), (ii), and (iii) of this clause are specified to be delivered under this contract and qualify as either limited rights data or restricted computer software, if the Contractor desires to continue protection of such data, the Contractor shall withhold such data and not furnish them to the Government under this contract. As a condition to this withholding, the Contractor shall identify the data being withheld and furnish form, fit, and function data in lieu thereof. Limited rights data that are formatted as a computer database for delivery to the Government are to be treated as limited rights data and not restricted computer software.

(2)-(3) [Reserved]

(h) Subcontracting. The Contractor has the responsibility to obtain from its subcontractors all data and rights therein necessary to fulfill the Contractor's obligations to the Government under this contract. If a subcontractor refuses to accept terms affording the Government such rights, the Contractor shall promptly bring such refusal to the attention of the Contracting Officer and not proceed with subcontract award without further authorization.

(i) Relationship to patents. Nothing contained in this clause shall imply a license to the Government under any patent or be construed as affecting the scope of any license or other right otherwise granted to the Government.

(End of clause)

I.11 SUBCONTRACTS (52.244-2) (AUG 1998)

(a) Definitions. As used in this clause--

"Approved purchasing system" means a Contractor's purchasing system that has been reviewed and approved in accordance with Part 44 of the Federal Acquisition Regulation.

"Consent to subcontract" means the Contracting Officer's written consent for the Contractor to enter into a particular subcontract.

"Subcontract" means any contract, as defined in FAR Subpart 2.1, entered into by a subcontractor to furnish supplies or services for performance of the prime contract or a subcontract. It includes, but is not limited to, purchase orders, and changes and modifications to purchase orders.

(b) This clause does not apply to subcontracts for special test equipment when the contract contains the clause at FAR 52.245-18, Special Test Equipment.

(c) When this clause is included in a fixed-price type contract, consent to subcontract is required only on unpriced contract actions (including unpriced modifications or unpriced delivery orders), and only if required in accordance with paragraph (d) or (e) of this clause.

(d) If the Contractor does not have an approved purchasing system, consent to subcontract is required for any subcontract that--

(1) Is of the cost-reimbursement, time-and-materials, or labor-hour type; or

(2) Is fixed-price and exceeds--

(i) For a contract awarded by the Department of Defense, the Coast Guard, or the National Aeronautics and Space Administration, the greater of the simplified acquisition threshold or 5 percent of the total estimated cost of the contract; or

(ii) For a contract awarded by a civilian agency other than the Coast Guard and the National Aeronautics and Space Administration, either the simplified acquisition threshold or 5 percent of the total estimated cost of the contract.

(e) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer's written consent before placing the following subcontracts:

All contracts for transportation, storage, treatment, disposal, or recycling of solid waste.

(f)(1) The Contractor shall notify the Contracting Officer reasonably in advance of placing any subcontract or modification thereof for which consent is required under paragraph (c), (d), or (e) of this clause, including the following information:

(i) A description of the supplies or services to be subcontracted.

(ii) Identification of the type of subcontract to be used.

(iii) Identification of the proposed subcontractor.

(iv) The proposed subcontract price.

(v) The subcontractor's current, complete, and accurate cost or pricing data and Certificate of Current Cost or Pricing Data, if required by other contract provisions.

(vi) The subcontractor's Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this contract.

(vii) A negotiation memorandum reflecting--

(A) The principal elements of the subcontract price negotiations;

(B) The most significant considerations controlling establishment of initial or revised prices;

(C) The reason cost or pricing data were or were not required;

(D) The extent, if any, to which the Contractor did not rely on the subcontractor's cost or pricing data in determining the price objective and in negotiating the final price;

(E) The extent to which it was recognized in the negotiation that the subcontractor's cost or pricing data were not accurate, complete, or current; the action taken by the Contractor and the subcontractor; and the effect of any such defective data on the total price negotiated;

(F) The reasons for any significant difference between the Contractor's price objective and the price negotiated; and

(G) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify each critical performance element, management decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities considered.

(2) The Contractor is not required to notify the Contracting Officer in advance of entering into any subcontract for which consent is not required under paragraph (c), (d), or (e) of this clause.

(g) Unless the consent or approval specifically provides otherwise, neither consent by the Contracting Officer to any subcontract nor approval of the Contractor's purchasing system shall constitute a determination--

(1) Of the acceptability of any subcontract terms or conditions;

(2) Of the allowability of any cost under this contract; or

(3) To relieve the Contractor of any responsibility for performing this contract.

(h) No subcontract or modification thereof placed under this contract shall provide for payment on a cost-plus-a-percentage-of-cost basis, and any fee payable under cost-reimbursement type subcontracts shall not exceed the fee limitations in FAR 15.404-4(c)(4)(i).

(i) The Contractor shall give the Contracting Officer immediate written notice of any action or suit filed and prompt notice of any claim made against the Contractor by any subcontractor or vendor that, in the opinion of the Contractor, may result in litigation related in any way to this contract, with respect to which the Contractor may be entitled to reimbursement from the Government.

(j) The Government reserves the right to review the Contractor's purchasing system as set forth in FAR Subpart 44.3.

(k) Paragraphs (d) and (f) of this clause do not apply to the following subcontracts, which were evaluated during negotiations:

(End of clause)

I.12 LIMITATION OF LIABILITY--HIGH-VALUE ITEMS (52.246-24) (FEB 1997)

(a) Except as provided in paragraphs (b) through (e) below, and notwithstanding any other provision of this contract, the Contractor shall not be liable for loss of or damage to property of the Government (including the supplies delivered under this contract) that--

- (1) Occurs after Government acceptance of the supplies delivered under this contract; and
- (2) Results from any defects or deficiencies in the supplies.

(b) The limitation of liability under paragraph (a) above shall not apply when a defect or deficiency in, or the Government's acceptance of, the supplies results from willful misconduct or lack of good faith on the part of any of the Contractor's managerial personnel. The term "Contractor's managerial personnel," as used in this clause, means the Contractor's directors, officers, and any of the Contractor's managers, superintendents, or equivalent representatives who have supervision or direction of--

- (1) All or substantially all of the Contractor's business;
- (2) All or substantially all of the Contractor's operations at any one plant, laboratory, or separate location at which the contract is being performed; or
- (3) A separate and complete major industrial operation connected with the performance of this contract.

(c) If the Contractor carries insurance, or has established a reserve for self-insurance, covering liability for loss or damage suffered by the Government through purchase or use of the supplies required to be delivered under this contract, the Contractor shall be liable to the Government, to the extent of such insurance or reserve, for loss of or damage to property of the Government occurring after Government acceptance of, and resulting from any defects or deficiencies in, the supplies delivered under this contract.

(d)(1) This clause does not diminish the Contractor's obligations, to the extent that they arise otherwise under this contract, relating to correction, repair, replacement, or other relief for any defect or deficiency in supplies delivered under this contract.

(2) Unless this is a cost-reimbursement contract, if loss or damage occurs and correction, repair, or replacement is not feasible or desired by the Government, the Contractor shall, as determined by the Contracting Officer--

(i) Pay the Government the amount it would have cost the Contractor to make correction, repair, or replacement before the loss or damage occurred;

(ii) Provide other equitable relief.

(e) This clause shall not limit or otherwise affect the Government's rights under clauses, if included in this contract, that cover--

- (1) Warranty of technical data;

- (2) Ground and flight risks or aircraft flight risks; or
- (3) Government property.

(End of clause)

I.13 OMBUDSMAN (1852.215-84) (JUNE 2000)

(a) An ombudsman has been appointed to hear and facilitate the resolution of concerns from offerors, potential offerors, and contractors during the preaward and postaward phases of this acquisition. When requested, the ombudsman will maintain strict confidentiality as to the source of the concern. The existence of the ombudsman is not to diminish the authority of the contracting officer, the Source Evaluation Board, or the selection official. Further, the ombudsman does not participate in the evaluation of proposals, the source selection process, or the adjudication of formal contract disputes. Therefore, before consulting with an ombudsman, interested parties must first address their concerns, issues, disagreements, and/or recommendations to the contracting officer for resolution.

(b) If resolution cannot be made by the contracting officer, interested parties may contact the installation ombudsman:

Debra L. Johnson, Deputy Director
Office of Procurement
Lyndon B. Johnson Space Center
Mail Code: BA
2101 NASA Road 1
Houston, TX 77058
Phone: 281-483-4157, Fax: 281-483-5100
Email: debra.l.johnson1@jsc.nasa.gov

Concerns, issues, disagreements, and recommendations, which cannot be resolved at the installation, may be referred to the NASA ombudsman, the Director of the Contract Management Division, at 202-358-0422, facsimile 202-358-3083, e-mail sthomps1@hq.nasa.gov. Please do not contact the ombudsman to request copies of the solicitation, verify offer due date, or clarify technical requirements. Such inquiries shall be directed to the contracting officer or as specified elsewhere in this document.

(End of clause)

CLAUSES THAT PERTAIN TO CONSTRUCTION ONLY

I.14 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following solicitation provisions and/or contract clauses pertinent to this section are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
52.202-1	APR 1984	DEFINITIONS (ALTERNATE I) (Construction)
52.222-6	FEB 1995	DAVIS-BACON ACT
52.222-7	FEB 1988	WITHHOLDING OF FUNDS
52.222-8	FEB 1988	PAYROLLS AND BASIC RECORDS
52.222-9	FEB 1988	APPRENTICES AND TRAINEES
52.222-10	FEB 1988	COMPLIANCE WITH COPELAND ACT REQUIREMENTS
52.222-11	FEB 1988	SUBCONTRACTS (LABOR STANDARDS)
52.222-12	FEB 1988	CONTRACT TERMINATION-DEBARMENT
52.222-13	FEB 1988	COMPLIANCE WITH DAVIS-BACON AND RELATED ACT REGULATIONS
52.222-14	FEB 1988	DISPUTES CONCERNING LABOR STANDARDS
52.222-15	FEB 1988	CERTIFICATION OF ELIGIBILITY
52.222-27	FEB 1999	AFFIRMATIVE ACTION COMPLIANCE REQUIRED FOR CONSTRUCTION
52.228-2	OCT 1997	ADDITIONAL BOND SECURITY
52.228-11	FEB 1992	PLEDGES OF ASSETS
52.228-15	JUL 2000	PERFORMANCE AND PAYMENT BONDS – CONSTRUCTION
52.243-4	AUG 1987	CHANGES
52.246-21	MAR 1994	WARRANTY OF CONSTRUCTION
52.248-3	FEB 2000	VALUE ENGINEERING CONSTRUCTION
52.249-2	SEP 1996	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED PRICE)(ALTERNATE I) (CONSTRUCTION)(SEP 1996)

II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
1852.209-72	DEC 1988	COMPOSITION OF THE CONTRACTOR

I.15 BUY AMERICAN ACT—BALANCE OF PAYMENTS PROGRAM—CONSTRUCTION MATERIALS (52.225-9) (FEB 2000)

(a) Definitions. As used in this clause--

"Component" means any article, material, or supply incorporated directly into construction materials. "Construction material" means an article, material, or supply brought to the construction site by the Contractor or a subcontractor for incorporation into the building or work. The term also includes an item brought to the site preassembled from articles, materials, or supplies. However, emergency life safety systems, such as emergency lighting, fire alarm, and audio evacuation systems, that are discrete systems incorporated into a public building or work and that are produced as complete systems, are evaluated as a single and distinct construction material regardless of when or how the individual parts or components of those systems are delivered to the construction site. Materials purchased directly by the Government are supplies, not construction material.

"Cost of components" means--

(1) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the end product (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or

(2) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the end product.

"Domestic construction material" means--

(1) An unmanufactured construction material mined or produced in the United States; or

(2) A construction material manufactured in the United States, if the cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind for which nonavailability determinations have been made are treated as domestic.

"Foreign construction material" means a construction material other than a domestic construction material.

"United States" means the 50 States and the District of Columbia, U.S. territories and possessions, Puerto Rico, the Northern Mariana Islands, and any other place subject to U.S. jurisdiction, but does not include leased bases.

(b) Domestic preference. (1) This clause implements the Buy American Act (41 U.S.C. 10a - 10d) and the Balance of Payments Program by providing a preference for domestic construction material. The Contractor shall use only domestic construction material in performing this contract, except as provided in paragraphs (b)(2) and (b)(3) of this clause.

(2) This requirement does not apply to the construction material or components listed by the Government as follows:

None

(3) The Contracting Officer may add other foreign construction material to the list in paragraph (b)(2) of this clause if the Government determines that--

(i) The cost of domestic construction material would be unreasonable. The cost of a particular domestic construction material subject to the requirements of the Buy American Act is unreasonable when the cost of such material exceeds the cost of foreign material by more than 6 percent. For determination of unreasonable cost under the Balance of Payments Program, the Contracting Officer will use a factor of 50 percent;

(ii) The application of the restriction of the Buy American Act or Balance of Payments Program to a particular construction material would be impracticable or inconsistent with the public interest; or

(iii) The construction material is not mined, produced, or manufactured in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality.

(c) Request for determination of inapplicability of the Buy American Act or Balance of Payments Program. (1)(i) Any Contractor request to use foreign construction material in accordance with paragraph (b)(3) of this clause shall include adequate information for Government evaluation of the request, including--

(A) A description of the foreign and domestic construction materials;

(B) Unit of measure;

(C) Quantity;

(D) Price;

(E) Time of delivery or availability;

(F) Location of the construction project;

(G) Name and address of the proposed supplier; and

(H) A detailed justification of the reason for use of foreign construction materials cited in accordance with paragraph (b)(3) of this clause.

(ii) A request based on unreasonable cost shall include a reasonable survey of the market and a completed price comparison table in the format in paragraph (d) of this clause.

(iii) The price of construction material shall include all delivery costs to the construction site and any applicable duty (whether or not a duty-free certificate may be issued).

(iv) Any Contractor request for a determination submitted after contract award shall explain why the Contractor could not reasonably foresee the need for such determination and could not have requested the determination before contract award. If the Contractor does not submit a satisfactory explanation, the Contracting Officer need not make a determination.

(2) If the Government determines after contract award that an exception to the Buy American Act or Balance of Payments Program applies and the Contracting Officer and the Contractor negotiate adequate consideration, the Contracting Officer will modify the contract to allow use of the foreign construction material. However, when the basis for the exception is the unreasonable price of a domestic construction material, adequate consideration is not less than the differential established in paragraph (b)(3)(i) of this clause.

(3) Unless the Government determines that an exception to the Buy American Act or Balance of Payments Program applies, use of foreign construction material is noncompliant with the Buy American Act or Balance of Payments Program.

(d) Data. To permit evaluation of requests under paragraph (c) of this clause based on unreasonable cost, the Contractor shall include the following information and any applicable supporting data based on the survey of suppliers:

I.16 PATENT INDEMNITY--Construction Contracts (FAR 52.227-4) (APR 1984)

Except as otherwise provided, the Contractor agrees to indemnify the Government and its officers, agents, and employees against liability, including costs and expenses, for infringement upon any United States patent (except a patent issued upon an application that is now or may hereafter be withheld from issue pursuant to a Secrecy Order under 35 U.S.C. 181) arising out of performing this contract or out of the use or disposal by or for the account of the Government of supplies furnished or work performed under this contract.

(End of clause)

CLAUSES THAT PERTAIN TO ARCHITECT AND ENGINEER ONLY

I.17 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following solicitation provisions and/or contract clauses pertinent to this section are hereby incorporated by reference:

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
52.243-1	AUG 1987	CHANGES--FIXED PRICE (ALT III) (APR 1984)

II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18)

<u>CLAUSE NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
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No NASA By-reference clauses in I.17.

[END OF SECTION]

PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J - LIST OF ATTACHMENTS

ATTACHMENT C – DATA REQUIREMENTS LISTINGS AND SUBMITTALS

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SA-1-2	Roster of Terminated Employees	Annually	J-C, DRL, 2
SA-1-3	Safety and Health Program Self Evaluation	Annually	J-C, DRL, 2
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AN-1-3	JSC's Energy and Water Conservation and Management Plan	Once w/Annual Updates	J-C, DRL, 5
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AN-9-1	Environmental Compliance Plan	Annually w/Updates	J-C, DRL, 11
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<u>DOCUMENT</u>	<u>DESCRIPTION</u>	<u>FREQUENCY</u>	<u>PAGE</u>
DRD	DATA REQUIREMENTS DOCUMENT		
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SA-1-3	Safety and Health Program Self Evaluation	Annually	J-C, DRD, 10
SA-1-4	Monthly Statistical Information	Monthly	J-C, DRD, 11
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SA-1-6	Log of Occupational Injuries and Illnesses	Annually	J-C, DRD, 13
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AN-1-2	Quality Control Plan	Once w/Updates	J-C, DRD, 20
AN-1-3	JSC's Energy and Water Conservation and Management Plan	Once w/Annual Updates	J-C, DRD, 22
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AN-1-7	Supporting SOP's of *JSC Emergency Preparedness Plan JSC-05900	Once w/Annual Updates	J-C, DRD, 39
AN-1-9	Wage/Salary and Fringe Benefit Data	Annually	J-C, DRD, 40
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AN-1-19	NF533 Cost and Data Reporting	Reserved	J-C, DRD, 65
AN-3-1	Annual Facility Condition Assessment Report	Annually	J-C, DRD, 66
AN-4-1	Water Utility Report	Monthly	J-C, DRD, 68
AN-4-2	Mission Readiness Plan	Annually	J-C, DRD, 69
AN-4-3	JSC, Ellington Field, and Sonny Carter Training Facility Fire Hydrant and Flushing Plan	Once w/Updates	J-C, DRD, 71
AN-4-4	O&M Manuals for Water Supply Systems at JSC and Ellington Field	Once w/Updates	J-C, DRD, 72
AN-4-5	EMCS Alarm Management Plan	Once	J-C, DRD, 73
AN-9-1	Environmental Compliance Plan	Annually w/Updates	J-C, DRD, 76
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JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

DRL IDENTIFICATION

- Title** - Enter nomenclature descriptive of activity to which the DRL pertains, such as project, contract, statement of work, or request for proposal.
- Contract/RFP Number** - Enter contract number or RFP number, if applicable.
- Date** - Enter DRL preparation date as follows: Month-Day-Year. Subsequent modification dates may also be entered in this block.

LINE ITEM IDENTIFICATION

- Line Item No.** - Number line items sequentially, 1 through 999.
- DRD Title** - Enter DRD title from block 1 of JSC Form 2341.
- Frequency** - Enter frequency of submittal code as follows:

<u>Code Description</u>		<u>Code Description</u>		<u>Code Description</u>	
AD	As Directed	DD	Deferred Delivery	RD	As Released
AN	Annually	EOGFY	End of Government Fiscal Year	RT	One Time and Revisions
AR	As Required	MO	Monthly	SA	SemiAnnually
BE	Biennially (Every other yr.)	OT	One Time	TY	Three Per Year
BM	Bimonthly (Every other mo.)	PV	Per Vehicle	UR	Upon Request
BW	Biweekly (Every other week)	QU	Quarterly	WK	Weekly
DA	Daily				

- As-Of Date** - If reports are of a recurring nature, give as-of date (cutoff date and due date: e.g., 15/1 indicated input cutoff date of 15th and due date of 1st). Amplify in Remarks, Item 9, if necessary.
- First Submittal** - Enter Month/Day/Year of initial submittal. If calendar date is not scheduled, enter number of days preceding or following event to which data requirement is related (e.g., 90 days prior to launch). Amplify in Remarks, Item 9, if necessary.
- Copies** - Complete 6a and 6b as specified below.
 - Type** - Enter code as follows:

<u>Code</u>	<u>Definition</u>	<u>Code</u>	<u>Definition</u>
PRINT	Printed Copies	ELECT	Electronic copy through Email
REPRO	Reproducible Copy	OTHER	Explain Remarks, Item 9
MIXED	Combination of Other Codes		

- Number** - Enter number of copies required opposite each type of copy furnished.
- Data Type** - Check the appropriate data type. Additional detail needed to clarify types or define subtypes may be added in block 9, REMARKS.
 - Written Approval - Data requiring written approval by the NASA OPR before implementation into procurement or development program.
 - Mandatory Submittal - Data submitted to NASA for coordination, information, review, and/or management control.
 - Submittal upon Request - Data prepared and retained by respondent to be made available to requiring organization upon request.
 - DISTRIBUTION** - List current codes or addresses and names of organizations which are to receive copies of documents generated under the DRD. If more than one copy is required, so indicate in parenthesis by recipient's name. Continue on a blank sheet if necessary.
 - REMARKS** - Enter in this space.
 - Reference to specific work statement paragraph as applicable to explain relationship of data to task.
 - Additional submittal information, if necessary.
 - Comments which explain an entry made in any block of the DRL.
 - OPR for a specific DRD, if different from contract COTR.

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

a. Title of Contract, Project, SOW, etc. Center Operations Support Services (COSS) Contract				b. Contract/RFP No. RFP9-BJ32-T63-0-24P		c. DRL Date/Mod Date 01-31-01	
1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
SA-1-1	Safety and Health Plan, DRD-SA-1-1	Once w/Updates				Mixed	4 + 1
7. Data type: <input checked="" type="checkbox"/> (1) Written approval <input type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) JSC Occupational Safety Branch (1 hard copy, 1 electronic copy) JSC Occupational Health Officer (1 hard copy) JSC Emergency Preparedness Office (1 hard copy) JSC Environmental Services Office (1 hard copy) JA Safety Manager (1 hard copy, 1 electronic copy)		9. Remarks Copies with proposal as provided in RFP instructions; distribute to those in block 8 after Government approval. Amend to contract by contract mod.					

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1 st subm. Date	6. Copies	a. type	b. number
SA-1-2	Roster of Terminated Employees, DRD-SA-1-2	Annual				Mixed	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) JSC Occupational Health Officer (1 hard copy, 1 electronic copy)		9. Remarks 30 days after the end of each contract year					

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1 st subm. Date	6. Copies	a. type	b. number
SA-1-3	Safety and Health Program Self Evaluation, DRD-SA-1-3	Annual				Mixed	2 + 2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) JSC Occupational Safety Branch (1 hard copy, 1 electronic copy) JSC Occupational Health Officer (1 hard copy, 1 electronic copy)		9. Remarks					

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1 st subm. Date	6. Copies	a. type	b. number
SA-1-4	Monthly Statistical Information, DRD SA-1-4	Monthly				Mixed	1 + 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
	8. Distribution (Continue on a blank sheet if needed) JSC Occupational Safety Branch (1 hard copy, 1 electronic copy)		9. Remarks				

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1 st subm. date	6. Copies	a. type	b. number
SA-1-5	Hazardous Materials Inventory, DRD SA-1-5	Annual				Mixed	1 + 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
	8. Distribution (Continue on a blank sheet if needed) JSC Occupational Health Officer (1 hard copy, 1 electronic copy)		9. Remarks				

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1 st subm. date	6. Copies	a. type	b. number
SA-1-6	Log of Occupational Injuries and Illnesses, DRD SA-1-6	Annual				Print	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
	8. Distribution (Continue on a blank sheet if needed) JSC Occupational Safety Branch (2 hard copies)		9. Remarks				

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
SA-1-14	Monthly Safety and Health Metrics	Monthly				Mixed	3 + 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
	8. Distribution (Continue on a blank sheet if needed) JSC Occupational Safety Branch (2 electronic copies) JSC Occupational Health Officer (1 electronic copy) JSC COSS COTR (1 electronic copy) JA Safety Manager (1 electronic copy)		9. Remarks Due by 10 th of month following month reported				

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1 st subm. Date	6. Copies	a. type	b. number
SA-1-15	Safety and Health Lessons Learned	See Block 9				Mixed	1 + 1
7. Data type: <input type="checkbox"/> (1) Written approval <input type="checkbox"/> (2) Mandatory Submittal <input checked="" type="checkbox"/> (3) Submitted upon request							
	8. Distribution (Continue on a blank sheet if needed) JSC Occupational Safety Branch (1 electronic copy) JSC COSS COTR (1 electronic copy) JA Safety Manager (1 electronic copy)		9. Remarks Contractor determined or as requested by COTR				

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-1	Y2K-HVAC and Lighting Baseline Status Report	Monthly		see block 9		Mixed	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
	8. Distribution (Continue on a blank sheet if needed) Electronic distribution. One hard copy and one electronic copy to JSC Energy Conservation Manager.		9. Remarks Due by 10th of the following month.				

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-2	Quality Control Plan	As Required		see block 9		Mixed	See Block 9
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) Hard copies to CO Electronic copy to CO		9. Remarks 20 hard copies due with proposal submission 20 hard copies & 1 electronic copy due 15 days before contract start 5 hard copies & 1 electronic copy 15 days after approved change					

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1 st subm. Date	6. Copies	a. type	b. number
AN-1-3	JSC's Energy and Water Conservation and Management Plan	Annually		See Block 9		Mixed	4
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One electronic copy to CO. One hard copy and one electronic copy to JSC Energy Conservation Manager.		9. Remarks Electronic copy must be in a Microsoft Windows Product. Due 60 days after contract start with annual updates.					

Comment [Insert1]

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-4	Monthly Utility Report (MUR)	Monthly				Mixed	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One hard copy to COTR. One electronic copy to JSC Energy Conservation Manager.		9. Remarks Electronic copies must be in Microsoft Excel.					

Comment [Insert2]

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-5	NASA Quarterly Energy Consumption and Cost Report	Quarterly			Mixed		4
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One hard copy to CO. One hard copy and one electronic copy to JSC Energy Conservation Manager.		9. Remarks Electronic copy must be in a Microsoft Windows Product.					

Comment [Insert3]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1 st subm. Date	6. Copies	a. type	b. number
AN-1-6	Cold Weather Protection Plan	Annually			Mixed		3
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One electronic copy to CO. Two hard copies to COTR.		9. Remarks Electronic copy must be in a Microsoft Windows Product.					

Comment [Insert4]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-7	Supporting SOP's of *JSC Emergency Preparedness Plan JSC-05900	Annually		See Block 9	Mixed		2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One electronic copy to CO One hard copy to CO		9. Remarks Electronic copy must be in a Microsoft Windows Product. Due 30 days after start of contract with annual updates.					

Comment [Insert5]:

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-9	Wage/Salary and Fringe Benefits Data	Annually		Start of contract		Mixed	4
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) CO (1 electronic copy and 1 hard copy) JSC Labor Relations Officer (1 electronic and 1 hard copy)		9. Remarks Must be provided in format identified in Wages Form 2 and Benefits Form 3					

Comment [Insert6]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-10	Functional Metrics	Varies, see DRD		1st mo. after contract start		Mixed	See DRD
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) COTR – Electronic and hardcopy CO - Electronic and hardcopy As Detailed in DRD for Specific Metrics		9. Remarks Copies, frequency, and distribution per DRD.					

Comment [Insert7]:

Comment [Insert8]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-11	Notification of Potential Labor Dispute and Contingency Strike Plan	As Required				Print	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) CO (1 hard copy) JSC Labor Relations Officer (1 hard copy)		9. Remarks					

Comment [Insert9]:

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-13	Subcontracting Reports	As Required per DRD			Mixed		2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) CO (1 electronic copy and 1 hard copy)		9. Remarks See DRD references for details					

Comment [Insert10]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-14	Security Reporting Requirements	As Required per DRD			Mixed		4
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) COTR (1 electronic copy and 1 hard copy) JSC Security Office (1 electronic copy and 1 hard copy)		9. Remarks					

Comment [Insert11]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-15	Information Technology Security Plan	As Required Per DRD		Within 90 days of contract start	Elect		1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) COTR (1 electronic copy)		9. Remarks					

Comment [Insert12]:

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-17	Workload Data Collection Report	Monthly		May 10, 2002		Mixed	4
7. Data type: <input type="checkbox"/> (1) Written approval <input type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) CO – electronic and hardcopy Maintenance & Repair TMR – electronic and hardcopy		9. Remarks					

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-18	Fixed Price Award Proposal	OT		April 30, 2004		Mixed	8
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) COTR – electronic and hardcopy CO - electronic and hardcopy Remaining 4 hardcopies - CO determined		9. Remarks					

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-1-19	NF533 Cost and Data Reporting	Monthly		May 10, 2002	8	Mixed	8
7. Data type: <input type="checkbox"/> (1) Written approval <input type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) LF6 Cost Accounting – 1 electronic & 1 hard copy BJ Contracting Officer – 1 electronic & 1 hard copy L13 Budget/Program Analyst – 1 electronic & 1 hard copy JA Technical – 1 electronic & 1 hard copy		9. Remarks					

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-3-1	Annual Facility Condition Assessment Report	Annually	2000	Sept. 2002		Mixed	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One electronic copy to JSC Planning Integration Office One hard copy to JSC Planning Integration Office		9. Remarks					

Comment [Insert13]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-4-1	Water Utility Report	Monthly		10th of mo. follow		Elect	1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One electronic copy to the CO.		9. Remarks					

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-4-2	Mission Readiness Plan	Annually As Required	1/15/01	Per DRD		Mixed	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One hard copy and one electronic copy to the CO.		9. Remarks					

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-4-3	JSC, Ellington Field, and Sonny Carter Training Facility Fire Hydrant and Flushing Plan	As Required Per DRD		30 days after contract start		Mixed	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One hard copy and one electronic copy to the CO.		9. Remarks					

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Comment [Insert14]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-4-4	O&M Manuals for Water Supply Systems at JSC and Ellington Field	As Required		90 days after contract start		Mixed	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One hard copy and one electronic copy to the CO upon update.		9. Remarks					

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Comment [Insert15]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-4-5	EMCS Alarm Management Plan	As Required	1/15/01	60 days after contract start		Mixed	2
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One hard copy and one electronic copy to the CO.		9. Remarks					

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Comment [Insert16]:

JSC DATA REQUIREMENTS LIST (DRL)

(Based on JSC-STD-123)

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-9-1	Environmental Compliance Plan	Annually	2000	Contract Start		Mixed	5 + 1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) JSC Occupational Safety and Quality Assurance Branch (1 hard copy) JSC Occupational Health Officer (1 hard copy) JSC Environmental Office (2 hard copies, 1 electronic copy) COTR (1 hard copy)		9. Remarks					

Comment [Insert17]:

1. Line item no.	2. DRD Title	3. Frequency	4. As-of-Date	5. 1st subm. date	6. Copies	a. type	b. number
AN-14-1	Custodial Cleaning Schedule	Annually		2 weeks prior to contract start date		Elect	1
7. Data type: <input type="checkbox"/> (1) Written approval <input checked="" type="checkbox"/> (2) Mandatory Submittal <input type="checkbox"/> (3) Submitted upon request							
8. Distribution (Continue on a blank sheet if needed) One electronic copy to the Custodial TMR.		9. Remarks					

Comment [Insert18]:

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Safety and Health Plan	1/01 (replaces 5/00 version)	SA-1-1	RFP9-J32-T63-0-24P

4. Use (Define need for, intended use of, and/or anticipated results of data)
Establishes Safety, Health, and Environmental Compliance Plan for contractors providing support to JSC organizations

***The Office of Primary Responsibility for this DRD is the JSC Safety, Reliability, and Quality Assurance Office

5. DRD Category: (check one) ☐ Technical ☐ Administrative ☒ SR&QA

6. References (Optional)

NPG 8715.3 (as revised); JPG 1700.1 (65 as revised)

7. Interrelationships (e.g., with other DRDs) (Optional)

See block 8. below

8. Preparation Information (Include complete instructions for document preparation)

Frequency of submission. Initial submission with the proposal.

Distribution. After the plan is approved by NASA, the Contracting Officer will retain the plan in the contract file. The Contractor will send additional copies to each of the following:

JSC Occupational Safety Branch (1 hard copy, 1 electronic copy)

JSC Occupational Health Officer (1 hard copy)

JSC Environmental Services Office (1 hard copy)

JSC Emergency Preparedness Office (1 hard copy)

JA Safety Manager (1 hard copy, 1 electronic copy)

Subsequent revisions to the plan. Review the plan annually or as directed by the CO. The plan shall be updated to meet the latest OSHA, JSC, and VPP requirements. Provide a copy of the updated plan with the changes highlighted to the distribution list above by April 1st of each contract year. If no changes are required after the annual review, notify the individuals in the distribution list in writing to that affect.

Other deliverables. The requirements for this plan as detailed in the instructions on plan content below include instructions for specific reports and data to be submitted to the Government. These instructions are to be included in the plan and represent contractual commitments by the Contractor to provide this information.

Format:

1. Cover page - to include as a minimum the signatures of Contractor's project manager and designated safety official; NASA COTR; JSC Occupational Safety Branch; JA Safety Manager; and the NASA Contracting Officer. Other signatures may be required at the discretion of the Government.
2. Table of Contents. See content below.
3. Body of plan - as required. Contractor's format is acceptable but should be aligned with the elements of the content below.
4. When preparing its plan, the Offeror/Contractor is expected to review all the items below and tailor its plan accordingly. The plan will clearly identify those resources to be provided by the Contractor and proposed resources to be provided by the Government. This review and supporting rationale is to be made available to the Government as part of this plan. It can be documented as a checklist or outline, inserted directly in the body of the plan, or in any format developed by the Contractor that clearly conveys the results of this review including the basis for any underlying assumptions.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

5. Authority: FAR 52.223-1 through -5, -10; NFS 18-23.70, 18-52.223-70, 18-52.223-73.

Content:

1. MANAGEMENT LEADERSHIP AND EMPLOYEE PARTICIPATION

1.1. Policy: Provide the Contractor's safety, health, and environmental compliance policy statement with the plan. Compare the Contractor's policy statement with those of NASA and OSHA and discuss any differences.

1.2. Goals and Objectives.

1.2.1. Describe specific annual safety and health goals and objectives to be met. Discuss status of safety program using the "Performance Evaluation Profile" as safety performance criteria. Describe the Contractor's approach (including milestone schedule) to achieve and maintain level five of the Performance Evaluation Profile in all areas.

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1.2.2. Describe methods to be used, if any, to improve on the Lost Work Day Case (LWDC) frequency rate, the OSHA Recordable Case (ORC) frequency rate, and LWDC severity rate requirements in CLIN 1.8.1.

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1.3. Management Leadership. Describe management's procedures for implementing its sustaining commitment to safety, health, and environmental compliance through visible management activities and initiatives including a commitment to exercise management prerogatives to ensure workplace safety and health. Describe processes and procedures to making this visible in all contract and subcontract activities and products. Include a statement from the project manager or designated safety official indicating that the plan will be implemented as approved and that the project manager will take personal responsibility for its implementation.

1.3.1. Employee Involvement. Describe procedures to promote, implement, and sustain employee (e.g., non-supervisory) involvement in safety, health, and environmental compliance program development, implementation and decision-making. Describe the scope and breadth of employee participation to be achieved so that approximate safety and health risk areas of the contract are equitably represented. Describe methods to be used to obtain employee buy in and address the behavioral aspects of safety.

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1.4. Assignment of Responsibility. Describe line and staff responsibilities for safety and health program implementation. Identify any other personnel or organization that provides safety services or exercises any form of control or assurance in these areas. State the means of communication and interface concerning related issues used by line, staff, and others (such as documentation, concurrence requirements, committee structure, sharing of the work site with NASA and other contractors, or other special responsibilities and support). As a minimum, the Contractor will identify the following:

1.4.1. Safety Representative - identify by title the individual who will be trained and certified in accordance with JPG 1700.1 to be responsive to Center-wide safety, health, environmental, and fire protection concerns and goals, and who will participate in meetings and other activities related to the JSC Safety and Health program.

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1.4.2. Company Physician/Occupational Injury/illness case manager - identify a point of contact who is responsible for the transfer or receipt of company medical data and who will be the primary contact for the company in the event any employee suffers a work related injury or illness (such as the company physician) by name, address, and telephone number to the JSC Clinic, mail code SD22. This will facilitate communication of medical data to Contractor management. Prompt

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JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

notification to the JSC Occupational Health/ Clinic shall be given of any changes that occur in the identity of the point of contact.

- 1.4.3. Building Fire Wardens - provide a roster of fire wardens by April 1st of each contract year (their names, telephone numbers and pagers, and mail codes). Contractor fire wardens are needed to facilitate the JSC fire safety program, including coordination of related issues with NASA facility managers and emergency planning and response officials and their representatives. Fire wardens will be trained in accordance with JPG 1700.1. Formatted: Bullets and Numbering
- 1.4.4. Designated Safety Official - identify by title the official(s) responsible for implementation of this plan and all formal contacts with regulatory agencies and with NASA. Formatted: Bullets and Numbering
- 1.5. Provision of Authority. Describe consistency of the plan for compliance with applicable NASA and JSC requirements and contractual direction as well as applicable Federal, state, and local regulations and how compliance will be maintained throughout the life of the contract.
- 1.6. Accountability. Describe procedures for ensuring that management and employees will be held accountable for implementing their tasks in a safe, healthful, and environmentally compliant manner. The use of traditional and/or innovative personnel management methods (including discipline, motivational techniques, or any other technique that ensures accountability) will be referenced as a minimum and described as appropriate.
- 1.7. Program Evaluation. The program evaluation consists of:
 - 1.7.1. Participation in a Performance Evaluation Profile (PEP) survey at the request of the Government. The PEP survey will be scheduled and administered at the discretion of the Government. Formatted: Bullets and Numbering
 - 1.7.2. A written self-evaluation report to be delivered by Sept 30 of each year. The self-evaluation shall follow the VPP program evaluation report format found in OSHA TED 8.1, Revised Voluntary Protection Programs (VPP) Policies and Procedures Manual, Appendix H, "Format for Program Evaluation Report". Formatted: Bullets and Numbering
 - 1.7.3. Miscellaneous Reports. The Contractor will acknowledge the following as standing requests of the Government and to be handled as described below. Formatted: Bullets and Numbering
 - a. Material Safety Data. The Contractor shall prepare and/or deliver Material Safety Data for hazardous materials brought onto Government property or included in products delivered to the Government. This data is required by the Occupational Safety and Health Administration (OSHA) regulation, 29 CFR 1910.1200, "Hazard Communication", EPA "Emergency Planning and Community Right-to-Know (EPCRA, ref. 40 CFR 302, 311, 312); and the Texas Department of Health (TDH, ref. Chapters 505-507 of the Health and Safety Code), and Federal Standard 313 (or FED-STD-313), "Material Safety Data, Transportation Data and Disposal Data for Hazardous Materials Furnished to Government Activities", as revised. One copy of each MSDS will be sent upon receipt of the material for use on NASA property to the JSC Central Repository, Occupational Health and Test Support, Mail Code SD13, along with information on new or changed locations and/or quantities normally stored or used. If the MSDS arrives with the material and is needed for immediate use, the MSDS shall be delivered to the Central Repository by close of business of the next working day after it enters the site.
- 1.8. Government Access to Safety and Health Program Documentation. The Contractor shall recognize in its plan that it will be expected to make all safety, health, and environmental documentation (including relevant personnel records) available for inspection or audit at the Government's request. Electronic access by the Government to this data is preferred as long as Privacy Act requirements are met and Government safety and health professionals and their representatives have full and unimpeded access for review and audit purposes. For Contractor activities conducted on NASA property, the Contractor will identify what records it will make

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

available to the Government in accordance with the Voluntary Protection Program criteria of OSHA as implemented in JPG 1700.1, "JSC Safety and Health Handbook", as revised. For the purpose of this plan, safety, health, and environmental compliance documentation includes but is not limited to logs, records, minutes, procedures, checklists, statistics, reports, analyses, notes, or other written or electronic document which contains in whole or in part any subject matter pertinent to safety, health, environmental protection, or emergency preparedness.

- 1.9. **Review and Modification of Safety Requirements.** The Contractor may be requested to participate in the review and modification of safety requirements that are to be implemented by the Government including any referenced documents therein. This review activity will be implemented at the direction of the NASA Contracting Officer's Technical Representative in accordance with established NASA directives and procedures.

- 1.10. **Procurement.** Identify procedures used to assure that procurements are reviewed for safety, health and environmental compliance considerations and that specifications contain appropriate safety criteria and instructions. Set forth authority and responsibility to assure that safety tasks are clearly stated in subcontracts.

- 1.11. **Certified Professional Resources.** Discuss your access to certified professional resources for safety, health, and environmental protection. Discuss their roles in motivation/awareness, worksite analysis, hazard prevention and control, and training.

2. **Worksite Analysis:** Contractor worksite hazards shall be systematically identified through a combination of surveys, analyses, and inspections of the workplace, investigations of mishaps and close calls, and the collection and trend analysis of safety and health data such as: records of occupational injuries and illnesses; findings and observations from preventive maintenance activities; reports on hazardous substance spills and inadvertent releases to the environment; facilities related incidents related to partial or full loss of systems functions; etc. Describe how hazards identified by any of the techniques identified below shall be ranked, processed, and mitigated in accordance with JPG 1700.1. All hazards on NASA property, which are immediately dangerous to life or health, shall be reported immediately to the Occupational Safety Office. All safety engineering products that address operations, equipment, etc., on NASA property will be subject to JSC SR&QA review and concurrence unless otherwise waived by the JSC Occupational Safety Office.

- | 2.1. **Industrial Hygiene.** Describe your industrial hygiene program and how it will be coordinated with the JSC Government provided resources for industrial hygiene. In the event corporate resources are used to determine workplace exposures, copies of all monitoring data shall be provided to JSC Occupational Health within 15 days of receipt of results.

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- | 2.2. **Hazard Identification.** Describe the procedures and techniques to be utilized to compile an inventory of hazards associated with the work to be performed on this contract. This inventory of hazards shall address the work specified in this contract as well as operations and work environments in the vicinity or in close proximity to contract operations. The results will be reported to the Government in a manner suitable for inclusion in facilities baseline documentation as a permanent record of the facility. Specific techniques to be considered include:

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- | 2.2.1. **Comprehensive Survey** – A "wall to wall" engineering assessment of the contractor's worksite, which includes the Government furnished facilities and the immediate vicinity in which a work task will be performed. This assessment encompasses facilities, equipment, processes, and materials (including wastes – TNRCC/EPA solid and hazardous, radioactive, explosives, medical-infectious-biological).

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- | 2.2.2. **Change (Pre-use) Analysis** – Typically addresses modifications in facilities, equipment, processes, and materials (including waste); and related procedures for operations and

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JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

maintenance. Change analyses periodically will be driven by new or modified regulatory and NASA requirements.

- | 2.2.3. Hazard Analysis – may address facilities, systems/subsystems, operations, processes, materials (including waste), and specific tasks or jobs. Analyses and report formats will be in accordance with JSC 17773, "Preparing of Hazard Analyses for JSC Ground Operations." ← --- Formatted: Bullets and Numbering
- | 2.3. Inspections. ← --- Formatted: Bullets and Numbering
 - | 2.3.1. Routine Inspections. Includes assignments, procedures, and frequency for regular inspection and evaluation of work areas for hazards and accountability for implementation of corrective measures. The Contractor will describe administrative requirements and procedures for control of and regularly scheduled inspections for fire and explosion hazards. The Contractor has the option, in lieu of this detail, to identify policies and procedures with the stipulation that the results (including findings) of inspections conducted on NASA property or involving Government furnished property will be documented in safety program evaluations or the monthly Accident/Incident Summary reports. Inspections will identify:
 - a. Discrepancies between observed conditions and current requirements, and
 - b. New (not previously identified) or modified hazards.
 - | 2.3.2. Protective Equipment. Set forth procedures for obtaining, inspecting, and maintaining all appropriate protective equipment, as required, or reference written procedure pertaining to this subject. Set forth methods for keeping records of such inspections and maintenance programs. ← --- Formatted: Bullets and Numbering
 - | 2.4. Employee Reports of Hazards – identification of methods to encourage employee reports of hazardous conditions (e.g., close calls) and analyze/abate hazards. The Contractor will describe steps it will take to create reprisal-free employee reporting with emphasis on management support for employees and describe methods to be used to incorporate employee insights into hazard abatement and motivation/awareness activities. ← --- Formatted: Bullets and Numbering
 - | 2.5. Accident and Record Analysis. ← --- Formatted: Bullets and Numbering
 - | 2.5.1. Mishap Investigation – identification of methods to assure the reporting and investigation of mishaps including corrective actions implemented to prevent recurrence. The Contractor will describe the methods to be used to report and investigate mishaps on NASA property and on Contractor or third party property. The Contractor will describe its procedures for implementing use of NASA forms as specified in JPG 1700.1 and alternate forms used by the Contractor with emphasis on timely notification of NASA; investigation procedures; exercise of jurisdiction over a mishap investigation involving NASA and other Contractor personnel; follow up of corrective actions; communication of lessons learned to NASA; and solutions to minimize duplications in reporting and documentation including use of alternate forms, etc. The Contractor will discuss its procedures for immediate notification requirements for fires, hazardous materials releases, and other emergencies. The Contractor will include appropriate details to address the use of NASA Form 1627, "Mishap Report" (or equivalent), including 24-hour and ten-day mishap reports to the JSC Occupational Safety Branch, mail code NT2. Note: the NASA Form 1627 is not attached since it is a three part carbonless form not conducive to reproduction. This form can be obtained from JSC's Printing Services. ← --- Formatted: Bullets and Numbering
 - | 2.5.2. Trend Analysis – describe approach to performing trend analysis of data (occupational injuries and illnesses; facilities, systems, and equipment performance; maintenance findings; etc.). Discuss methods to identify and abate common causes indicated by trend analysis. In support of site-wide trend analysis to be performed by the Government, the Contractor will discuss method of providing data as follows: ← --- Formatted: Bullets and Numbering
- 3. **Hazard Prevention and Control:** Identified hazards must be eliminated or controlled. In the multiple employer environment of the center, it is required that hazards including discrepancies

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

and corrective actions be collected in a Center wide information system (Hazard Abatement Tracking System (HATS) for risk management purposes. Describe your approach to implementing this requirement.

- 3.1. Appropriate Controls. Discuss approach to consideration and selection of controls. Discuss use of hazard reduction precedence sequence (see JPG 1700.1). Discuss approach to identifying and accepting any residual risk. Discuss implementation of controls including verifying effectiveness. Discuss scope of coverage (hazardous chemicals, equipment, discharges, waste, energies, etc.). Discuss need for coordination with safety, health, environmental services, and emergency authorities at NASA. Formatted: Bullets and Numbering
- 3.2. Hazardous Operations and Processes. Establish methods for notification of personnel when hazardous operations and processes are to be performed in their facilities or when hazardous conditions are found to exist during the course of this contract. JPG 1700.1 will serve as a guide for defining, classifying, and prioritizing hazardous operations; 29 CFR 1910.119 will be the guide for hazardous processes. Develop and maintain a list of hazardous operations and processes to be performed during the life of this contract. The list of hazardous operations and processes will be provided to JSC as part of the plan for review and approval. JSC and the Contractor will decide jointly which operations and processes are to be considered hazardous, with JSC as the final authority. Before hazardous operations or processes commence, the Contractor will develop a schedule to develop written procedures with particular emphasis on identifying the job safety steps required. NASA will have access on request to any Contractor data necessary to verify implementation. For all identified operations or processes that may have safety or health implications outside contract operations, the Contractor shall identify such circumstances to the JSC Occupational Safety Branch and Occupational Health and Test Support Office who will provide additional instructions for further NASA management review and approval. Formatted: Bullets and Numbering
- 3.3. Written Procedures. Identification of methods to assure that the relevant hazardous situations and proper controls are identified in documentation such as inspection procedures, test procedures, etc., and other related information. Describe methods to assure that written procedures are developed for all hazardous operations, including testing, maintenance, repairs, and handling of hazardous materials and hazardous waste. Procedures will be developed in a format suitable for use as safety documentation (such as a safety manual) and be readily available to personnel as required to correctly perform their duties. Formatted: Bullets and Numbering
- 3.4. Hazardous Operations Permits. Identify facilities, operations and/or tasks where hazardous operations permits will be required as specified in JPG 1700.1 such as confined space entry, hot work, etc. Set forth guidance to adhere to established NASA JSC procedures. Clearly, state the role of the safety group or function to control such permits. Formatted: Bullets and Numbering
- 3.5. Operations Involving Potential Asbestos Exposures. Set forth method by which compliance is assured with JSC Asbestos Control Program as established in JPG 1700.1, as revised, and JPG 8800.1, "Asbestos Control Manual," as revised. Formatted: Bullets and Numbering
- 3.6. Operations Involving Exposures to Toxic or Unhealthful Materials. Such operations must be evaluated by the JSC Occupational Health Office and must be properly controlled as advised by same. JSC Occupational Health Office must be notified prior to initiation of any new or modified operation potentially hazardous to health. Formatted: Bullets and Numbering
- 3.7. Environmental Operations & Activities – See Annex 9 and DRD AN-9-1 Formatted: Bullets and Numbering
- 3.8. Baseline Documentation. Discuss the Contractor's responsibilities for maintaining facilities baseline documentation in accordance with JSC requirements. The Contractor will implement any facilities baseline documentation tasks (including safety engineering) as provided in the Contractor's plan approved by NASA or as required by Government direction. Formatted: Bullets and Numbering

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

- 3.9. Preventive Maintenance. Discuss approach to preventive maintenance. Describe scope, frequency, and supporting rationale for your preventive maintenance program including facilities and/or equipment to be emphasized or de-emphasized. Discuss methods to promote awareness in the NASA community (such as alerts, safety flashes, etc.) when preventive maintenance reveals design or operational concerns in facilities and equipment (and related processes where applicable). Formatted: Bullets and Numbering
- 3.10. Medical (Occupational Healthcare) Program. Discuss the Contractor's medical surveillance program and injury /illness case management to evaluate personnel and workplace conditions to identify specific health issues and prevent degradation of personnel health as a result of occupational exposures. Discuss approach to Cardiopulmonary Resuscitation (CPR), first aid, and, return to work policies and the use of Government provided medical and emergency facilities for the initial treatment of occupational injuries/illnesses. Formatted: Bullets and Numbering
- 3.11. Hazard Correction and Tracking. Discuss your system for correcting and tracking safety, health, and environmental hazards with particular emphasis on integration with JSC's Hazard Abatement Process (found online at <http://www.srqa.jsc.nasa.gov/hats/>). This includes the following: Formatted: Bullets and Numbering
- 3.11.1. Personnel Awareness of Hazards. Discuss your approach to communicate unsafe conditions and approved countermeasures to your employees. Discuss your approach to communicating such conditions to the Government and other contractors whose personnel may be exposed to such unsafe conditions. Discuss communications with facility managers. Discuss use of the NASA Lessons Learned Information System for both obtaining lessons from other sources and as a repository for lessons learned during performance of the contract.
- 3.11.2. Interim and Final Abatement Plans. Describe how you will approach interim and final abatement of hazards. Describe the role of your facility managers in abatement planning, implementation, and verification. Describe how you will provide data to the JSC Hazard Abatement Tracking System for all hazards within Contractor-occupied facilities that are not finally abated (all interim and final abatement actions completed) within 30 days of discovery. Discuss your approach to posting such plans using JSC Form 1240, "JSC Notice of Safety or Health and Action Plan", or equivalent. Discuss compatibility of your system with JSC's.
- 3.12. Disciplinary System. Describe your system for ensuring safety and health discipline in your personnel (including subcontractors). Describe your approach to modifying personnel behaviors when personnel are exhibiting discrepant safety and health performance.
- 3.13. Emergency Preparedness. Discuss approach to emergency preparedness and contingency planning which addresses fire, explosion, inclement weather, environmental spill /releases, etc. Discuss compliance with 29 CFR 1910.120 (HAZWOPER) and role in JSC Incident Command System (see JPG 1700.1 for details). Discuss methods to be used for notification of JSC emergency forces including emergency dispatcher, safety hotline, director's safety hotline, etc. Discuss establishment of pre-planning strategies through procedures, training, drills, etc. Discuss methods to verify emergency readiness.
4. **Safety and Health Training:** Describe the Contractor's training program including identification of responsibility for training employees to assure understanding of safe work practices, hazard recognition, and appropriate responses for protective and/or emergency countermeasures, including training to meet Federal, state, and local regulatory requirements. In doing so, the Contractor will factor parallel requirements found in other mandates such as environmental protection [example: 29 CFR 1910.38 for emergency action plans and fire prevention plans versus EPA Resource Conservation & Recovery Act (RCRA) and Emergency Planning and Community Right-to-Know (EPCRA).] Describe approach to identifying training needs including traceability to exercises such as job safety analyses, performance evaluation profiles, hazard analyses, mishap investigations, trend analyses, etc. Describe approach to training personnel in the proper use and

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

care of protective equipment (PPE). Discuss tailoring of training towards specific audiences (management, supervisors, and employees) and topics (safety orientation for new hires, specific training for certain tasks or operations). Discuss approach to ensure that training is retained and practiced. Discuss personnel certification programs. Certifications should include documentation that training requirements and physical conditions have been satisfied (examples include physical examination, testing, and on-the-job performance). Address utilization of JSC safety and health training resources (such as asbestos worker training/certification, hazard communication, confined space entry, lockout/tagout, etc.) as appropriate with particular emphasis on programs designed for the multiple employer work environment on NASA property. All training materials and training records will be provided to NASA, and other Federal, state, and local agencies for their review upon request. If the Contractor wishes to train their personnel in any regulatory mandated training, an agreement will be secured with JSC Occupational Safety Branch and Occupational Health and Test Support office prior to beginning training. The agreement will ensure that safety and health training resources available from NASA are utilized where appropriate.

Deleted: and to ensure that Contractor-supplied training is in agreement with JSC safety and health processes.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current	3. DRL	RFP/Contract No.
Roster of Terminated Employees	Version Date 1/01 (replaces 5/00 version)	Line SA-1-2	(Procurement completes) RFP9-BJ32-T63-0-24P

4. Use (Define need for, intended use of, and/or anticipated results of data)
Identify personnel terminated by Contractor.

5. DRD Category: (check one) ☐ Technical ☐ Administrative ☒ SR&QA

6. References (Optional)

7. Interrelationships (e.g., with other DRDs) (Optional)

Comment [Insert19]:

8. Preparation Information (Include complete instructions for document preparation)

Scope: Send to the JSC Occupational Health Officer, no later than 30 days after the end of each contract year or at the end of the contract, whichever is applicable. At the Contractor's discretion, the report may be submitted for personnel changes during the previous year or cumulated for all years. Information required:

- (1) Date of report, Contractor identity and contract number.
- (2) For each person listed, provide name, social security number, and date of termination.
- (3) Name, address, and telephone number of Contractor representative to be contacted for questions or other information.

Frequency: Plan is due annually after start of contract for review and approval.

Distribution: One hard copy and one electronic copy to the JSC Occupational Health Officer.

Format: Contractor Determined.

Details: None

References: None

Maintenance: Annually updated.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Safety and Health Program Self Evaluation	01/01 (replaces 02/06/95 version)	SA-1-3	RFP9-BJ32-T63-0-24P

4. USE (Define need for, intended use of, and/or anticipated results of data)
Self evaluation of Contractor's safety and health program performance.

5. DRD Category: (check one) ☐ Technical ☐ Administrative ☒ SR&QA

6. References (Optional) JPG 1700.1 (as revised)	7. Interrelationships (e.g., with other DRDs) (Optional)

8. Preparation Information (Include complete instructions for document preparation)

1. The Contractor shall conduct an annual self-evaluation of its safety and health program as required by its safety and health plan.
2. Information required:
 - a. The internal assessment of safety and health program effectiveness during the report period (i.e., the previous year) indicating the status of goals or objectives previously established and areas of strength and weakness in Contractor safety program performance.
 - b. Safety and health concerns and resolutions relating to JSC operations which may have been identified during the report period.
 - c. Unresolved safety and health concerns relating to JSC operations which the Contractor feels merit attention of JSC safety and health management.
 - d. The goals and objectives of the Contractor safety and health program for the next report period.
 - e. An analysis of the Contractor's performance in each of the 32 Voluntary Protection Program sub-elements as found in the Federal Register of July 24, 2000 (available at the following link):
http://www.osha-slc.gov/FedReg_osh_data/FED20000724A.html
3. Action plans shall be attached for identified problem areas. Action plans shall include schedule for periodic progress reports to the Government. Frequency of status reports shall be agreed to by the Government and the Contractor for each problem area.
4. Format to be as specified in OSHA TED 8.1, "Revised Voluntary Protection Programs (VPP) Policies and Procedures Manual", Appendix H (Program Evaluation Report), Attachment 2 (VPP Onsite Evaluation Format for Safety and Health Programs) for a STAR work site which is found at the following link:
http://www.osha-slc.gov/OshDoc/Directive_data/TED_8_1A.html
5. Report due September 30th of each year. One hard copy and one electronic copy to the JSC Occupational Safety Branch and one hard copy to the JSC Occupational Health Officer.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No.
Monthly Statistical Information	1/01 (replaces 5/00 version)	SA-1-4	(Procurement completes) RFP9-BJ32-T63-0-24P

4. Use (Define need for, intended use of, and/or anticipated results of data)
Report Monthly Loss Metrics

5. DRD Category: (check one) ☐ Technical ☐ Administrative ☒ SR&QA

6. References (Optional)

7. Interrelationships (e.g., with other DRDs) (Optional)

Comment [Insert20]:

8. Preparation Information (Include complete instructions for document preparation)

The Contractor shall prepare and deliver monthly statistical information as specified on JSC Form 288, "Statistical Information Contractor Safety and Health Program", as revised. Negative reports are also required monthly. Report due date is the 10th day of the month following each month reported. Report to be delivered to the JSC Safety, Reliability, and Quality Assurance Office through the Occupational Safety Branch by fax to 281-483-3801 or electronically as instructed by representatives of the Occupational Safety Branch.

Frequency: Monthly.

Distribution: One hard copy and one electronic disk to the JSC Occupational Safety Branch.

Format: Per the referenced form.

Details: None.

References: None

Maintenance: Monthly – due 10th of each month.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Hazardous Materials Inventory	1/01 (replaces 5/00 version)	SA-1-5	RFP9-BJ32-T63-0-24P

4. Use (Define need for, intended use of, and/or anticipated results of data)

The Contractor shall compile an inventory report of all hazardous materials it has located on Government property.

5. DRD Category: (check one) ☐ Technical ☐ Administrative ☒ SR&QA

6. References (Optional)

7. Interrelationships (e.g., with other DRDs) (Optional)

Comment [Insert21]:

8. Preparation Information (Include complete instructions for document preparation)

The Contractor shall compile an inventory report of all hazardous materials it has located on Government property not less than annually, and which is within the scope of 29 CFR 1910.1200, "Hazard Communication"; and Federal Standard 313 (or FED-STD-313), "Material Safety Data, Transportation Data and Disposal Data for Hazardous Materials Furnished to Government Activities", as revised. The call for this annual inventory and instructions for delivery will be issued by the JSC Occupational Health and Test Support Office, mail code SD13. This information shall use the format used by JSC for chemical inventory compilation to provide the following:

- The identity of the material (product no., chemical, manufacturer, and NSN as available);
- The location of the material by building, room and area/cabinet no.;
- The quantity of each material normally kept at each location (number of containers, container size, type container, unit of measure, conversion factor, storage temp & pressure, physical state/form, specific gravity, total pounds);
- Peak quantity stored
- Actual or estimated rate of annual usage of each chemical
- JSC MSDS number

Frequency: Plan is due annually, when requested by the JSC Occupational Health Officer, for review and approval.

Distribution: One hard copy and one electronic copy to the JSC Occupational Health Officer.

Format: Per the delivery instructions issued by the JSC Occupational Health and Test Support Office, mail code SD13.

Details: None.

References: None

Maintenance: Annually updated.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Log of Occupational Injuries and Illnesses	1/01 (replaces 5/00 version)	SA-1-6	RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) Annual summary of occupational injuries and illnesses.			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input type="checkbox"/> Administrative <input checked="" type="checkbox"/> SR&QA			
6. References (Optional)		7. Interrelationships (e.g., with other DRDs) (Optional)	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert22]:

For each establishment on and off NASA property that performs work on this Contract, the Contractor shall deliver to the Government a copy of its annual summary of occupational injuries and illnesses (or equivalent) as described in Title 29, Code of Federal Regulations, Subpart 1904.5. Copy of all summaries as required above under Contractor's cover letter. If Contractor is exempt by regulation from maintaining and publishing such logs, equivalent data in Contractor's format is acceptable (such as loss runs from insurance carrier) which contains the data required by JSC Form 288. Data shall be compiled and reported by calendar year and provided to the Government within 45 days after the end of the year to be reported (e.g. not later than February 15 of the year following.)

Frequency: Plan is due annually before February 15 of each calendar year for review and approval.

Distribution: Two hard copies to the JSC Occupational Safety Branch

Format: Per Title 29, Code of Federal Regulations, Subpart 1904.5

Details: None

References: None

Maintenance: Annually updated.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title Monthly Safety and Health Metrics	2. Current Version Date 01/2001	3. DRL Line SA-1-14	RFP/Contract No. (Procurement completes) RFP9-J32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) Establishes selected Safety and Health Program metrics ***The Office of Primary Responsibility for this DRD is the JSC Safety, Reliability, and Quality Assurance Office			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input type="checkbox"/> Administrative <input checked="" type="checkbox"/> SR&QA			
6. References (Optional)		7. Interrelationships (e.g., with other DRDs) (Optional) DRD SA-1-1	
8. Preparation Information (Include complete instructions for document preparation)			

Frequency of submission. Monthly by 10th of month following month being reported.

Distribution.

JSC Occupational Safety Branch (2 electronic copies)

JSC Occupational Health Officer (1 electronic copy)

Contracting Officer's Technical Representative (COTR) (1 electronic copy)

JA Safety Manager (1 electronic copy)

Format: Excel spreadsheet or in tables compatible with MS Word.

Definitions. Refer to JPG 1700.1 and OSHA requirements for definitions of terms below.

Content.

I. Management Commitment and Employee Involvement.

Date of Management Safety Committee Meeting		Type/Title of Meeting	No. of Managers attending		No. of Supervisors attending		No. of Non-Supervisory personnel attending	
This month	Year to date		This month	Year to date	This month	Year to date	This month	Year to date

Include copies of minutes

No. of Employee Safety Meeting		Type/Title of Meeting	No. of Employees attending		No. of Managers/Supervisors attending	
This month	Year to date		This month	Year to date	This month	Year to date

Include copies of minutes

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

II. Worksite Analysis. Refer to JPG 1700.1 for definitions of terms.

Division	No. of Hazard Analyses				No. of Job Safety Analyses				No. of Routine Inspections			
	Required		Performed		Required		Performed		Required		Performed	
	This month	Year to Date	This month	Year to Date	This month	Year to Date	This month	Year to Date	This month	Year to Date	This month	Year to Date
Total												

III. Hazard Prevention and Control - hazards below were found during routine and special inspections, close calls, mishap investigations, etc., and require correction.

No. of Hazards found			No. of Hazards closed <30 days			No. of Hazards open <30 days	No. of Hazards open >30 days			No. of Hazards closed >30 days			No. of JF1240s in place
Prior to month	This month	Year to date	Prior to month	This month	Year to date		Prior to month	This month	Year to date	Prior to month	This month	Year to date	

Attach copies (electronic acceptable if sent by e-mail) of JF 1240's including monthly updates. Mark JF 1240's where abatement has been completed as closed.

IV. Safety and Health Training - List courses specific to safety and health (such as Hazard Communication, Confined Space entry, HAZWOPER, system safety, job safety analysis, etc.) Do not include job proficiency course work where safety is an issue (such as radiography, welding, painting, etc.)

Course Title	No. to be Trained	No. Trained	On Schedule

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Safety and Health Lessons Learned	01/2001	SA-1-15	RFP9-J32-T63-0-24P

4. Use (Define need for, intended use of, and/or anticipated results of data)
Obtains Lessons Learned from Contractor for possible publication in NASA Lessons Learned Information System (LLIS)
***The Office of Primary Responsibility for this DRD is the JSC Safety, Reliability, and Quality Assurance Office

5. DRD Category: (check one) ☐ Technical ☐ Administrative ☒ SR&QA

6. References (Optional)

7. Interrelationships (e.g., with other DRDs) (Optional)
DRD SA-1-1, paragraphs 2.5.1 and 3.11.2

8. Preparation Information (Include complete instructions for document preparation)

Criteria for Selecting Lessons Learned. Uncommon insight arising from any event or observation that will benefit from sharing with a larger community of interested parties. Lessons learned are intended to prevent recurrence of undesirable events and to allow NASA and its team members to capitalize to the greatest extent practical on unique successes.

Frequency of submission. 30 days after triggering event or 30 days after mishap investigation or hazard analysis/evaluation is completed.

Distribution.

JSC Occupational Safety Branch (1 electronic copy including photographs, drawings, etc., in web-ready format such as HTML or JPG)

Contracting Officer's Technical Representative (COTR) (1 electronic copy)

JA Safety Manager (1 electronic copy)

Content:

Subject - one line subject of the lesson.

Lesson Learned - usually one sentence that describes insight gained.

Description of Event - narrative of what happened.

Recommendations - may be an action plan, suggestion, etc., that was adopted at event source.

Supporting documentation - as needed to give clear picture of lesson (photographs, illustrations, drawings, etc.).

Contact name and e-mail address (for follow up by Government prior to publication of lesson).

Definitions. Refer to NASA LLIS at <http://llis.gsfc.nasa.gov/> for definitions of terms used.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Y2K-HVAC and Lighting Baseline Status Report	5-31-01	AN-1-1	RFP9-BJ32-T63-0-24P
4. Use (Define need for intended use of, and/or anticipated results of data) The use of this report will be to provide a HVAC listing of equipment that provides approved run times which are used to develop Night Load Reduction for *JSC. Its secondary use will be to provide energy usage data on approved changes to baseline operations.			
5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional) ** HVAC Equipment Operational Status Report		7. Interrelationships (e.g., with other DRDs) (Optional) DRD AN-1-3	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert23]:

Scope: The purpose of this report is to provide equipment listings on all HVAC and lighting systems and their approved run times. The listing will be used to develop Night Load Reduction for the *JSC for after-hours and weekends. It also will be used to determine the amount of energy and cost associated with operational and/or limit changes to the established baseline.

Frequency: Plan is submitted on a monthly basis. It shall be made electronically available by placement on the LAN.

Distribution: Electronically. One hard copy to the JSC Energy Conservation Manager.

Format: See example in the TRL, **Y2K-HVAC Equipment and Lighting Baseline Status Report

Details: There are two formats in the TRL. The old one is labeled ** HVAC Equipment Operational Status Report. The new report must be in written in the format as exemplified in the ** Y2K-HVAC and Lighting Baseline Status Report and must be inclusive of all HVAC equipment in buildings listed in the old format including EF and SCTF. The report shall contain the following information:

Section I: HVAC System Facility Equipment

A listing of all HVAC equipment housed in each facility at *JSC and their respective operational ratings will be required in the initial submission of the report.

Section II: Equipment Operational Status

A listing of all HVAC equipment and their respective operational hours, seasonal temperature settings and seasonal operational status will be required in the initial submission of the report.

Section III: Lighting Panels

A listing of all EMCS controlled Lighting Panels and their respective operational hours, panels KW, and breakers KW will be required in the initial submission of the report.

Section IV: Energy Impact Status

It will be the Contractor's responsibility to develop formulation that automatically calculates energy usage due to changes in operational status of the HVAC equipment or lighting systems. Those changes will be documented by Operational Change Orders (OCO), and Limit Change Orders (LCO) and through the Energy Exceptions Log (EEL). The energy can be a negative or a positive value and shall be reported as follows:

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. Energy +/- due to OCOs on HVAC equipment.
2. Energy +/- due to OCOs on Lighting Panels.
3. Energy +/- due to LCOs on HVAC equipment.
4. Energy +/- due to extended HVAC operations. (EEL)
5. Energy +/- due to extended Lighting operations. (EEL)

The individual amounts will be totaled to reflect monthly net usage over baseline operations.

References: AN-1-3

Maintenance: Report is to be updated as required per Section 3.6 of DRD- AN-1-3.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title Quality Control Plan	2. Current Version Date Per RFP	3. DRL Line AN-1-2	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) Establishes management techniques and documentation that assures full compliance with contract requirements.			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input checked="" type="checkbox"/> SR&QA			
6. References (Optional) Sec. J, Attachment F; FAR 52.246-4		7. Interrelationships - All performance requirements, checks, tasks, system verification, and management	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert24]:

Comment [Insert25]:

Comment [Insert26]:

Scope: The Quality Control Plan shall be in accordance with FAR 52.246-4, and CLIN 1.6.2. The Quality Control Plan is to be submitted with the Contractor's proposal. The plan will be approved by the CO concurrent with Contract award.

Format: The quality control plan format shall match the elements of the ANSI/ISO/ASQC Q9001 – 2000 standard.

Contents: The quality control plan shall address each element of the ANSI/ISO/ASQC Q9001 – 2000 standard and the additional requirements identified below.

Maintenance: All changes and updates to plan shall be submitted in accordance with CLIN 1.6.2.

Distribution: Provide 20 copies of Quality Control Plan with submission of proposal, 20 updated copies to CO 15 days prior to contract start, and 5 final copies within 15 days of any approved change or plan updates.

Additional Requirements

Identify the methods, procedures, and controls you will use to ensure the quality, quantity, and timeliness of the required contract requirements. Explain how you will monitor, measure, and analyze each. Provide evidence that you have the resources necessary to support the operation and monitoring of these methods, procedures, and controls.

Describe how you will provide continual electronic access to all QC process documentation, such as, but not limited to, work methods, standard operating procedures, quality manual, and corrective action tracking system.

Explain how you will monitor, measure, and control the quality of products produced by the Contractor and Subcontractor. Explain how you will ensure that products, which do not conform to product requirements, are identified and controlled to prevent their unintended use or delivery.

Explain how you will monitor and measure any cross-utilization of personnel to assure that contract products and services will not be negatively affected. Describe your techniques, procedures, and mechanisms to ensure quality output despite schedule and/or priority pressures. Describe mechanisms for the identification of substandard output due to schedule and/or priority pressures.

Describe in detail how you will identify, correct, and prevent quality control problems with contract deliverables, without government notification or intervention.

Describe in detail the responsibilities of individual employees, supervisors, and management for ensuring quality output. Identify your Quality Control Manager, designated alternate, their responsibilities, and their authority for the overall management of the program.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

Provide documented information of how personnel performing work affecting product quality are competent as a result of appropriate education, training, skills, and experience. In addition, explain the QC system you will use to monitor and maintain this level of personnel competency required during the duration of the contract.

Describe the tool, or tools, you will use to effectively measure customer satisfaction for all areas of the contract requirements. In addition, explain how your tool(s) will capture customer satisfaction metrics across all annexes given the unique contract requirements across each.

Explain how your organization will manage the interfaces between different groups involved in design and development to ensure effective communication and clear assignment of responsibility.

Explain how you will establish and implement the inspection or other activities necessary for ensuring that purchased product meets specified purchase requirements and how these activities will enable you to segregate cost reimbursable supplies and services. Further explain how cost will be segregated and accounted for relative to reimbursable supplies and services.

Describe your responsibilities and requirements for planning and conducting audits (internal and external), and for reporting results and maintaining records. Provide a schedule, including subjects, of your internal audits for year 1 of the contract. Audits shall specifically address the "High Visibility" areas identified in the QC Program requirements.

Show how nonconformities and any subsequent actions taken, including concessions obtained, shall be identified, recorded, maintained, and subsequent action will be taken to minimize.

Provide and explain your schedule, including milestones, outlining your plan on accomplishing ANSI/ISO 9001 – 2001 certification within one year of the contract award date.

Describe how your QC Plan will effectively support and address all the elements of ANSI/ISO/ASQ Q9001 – 2000.

Explain how you will continually improve the effectiveness of the quality control program through the use of your quality system, quality policy, quality objectives, audit results, analysis of data, corrective and preventive actions and management review.

Explain how you will incorporate corrective actions identified by the Government into your corrective action system.

Describe in detail your company's bonus or incentive program, if used, and discuss methods for implementing if on this contract.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
JSC's Energy and Water Conservation and Management Plan	12-19-00	AN-1-3	

4. Use (Define need for, intended use of, and/or anticipated results of data)
The Contractor shall develop and implement a 5-year Energy Efficiency and Water Conservation Management Plan that applies to *JSC for the purpose of providing awareness, energy efficiency and water conservation, and operational and management controls on energy consuming systems.

5. DRD Category: (check one) ☒ Technical ☐ Administrative ☐ SR&QA

6. References (Optional)
See below.

7. Interrelationships (e.g., with other DRDs) (Optional)

8. Preparation Information (Include complete instructions for document preparation)

Comment [Insert27]:

Scope: This plan is to provide the Contractor's methods, processes and management responsibilities for developing energy and water conservation procedures and operational and management measures at *JSC. The plan will provide the means the Contractor will employ to control, manage, accomplish and update those procedures and measures.

Frequency: Plan is due 60 days after contract start for review and approval by the CO. Yearly updates are required thereafter prior to the anniversary date of the contract.

References:

- National Energy Conservation Policy Act (PL 95-619, 92 Stat. 3206, USC 8252 et seq.)
- Energy Policy Act of 1992 (EPACT) (Public Law 102-486, 106 Stat, 2776)
- 10 CFR 435 and 436, Chapter 11 of Title 10, Code of Federal Regulations
- EO 13123, Greening the Government Through Efficient Energy Management
- NPD 8820.1, Design and Construction of Facilities
- NPD 8831.1B, Management of Facilities Maintenance
- NPG 8570.X, Energy Efficiency and Water Conservation Technologies and Practices
- NPG 8831.2C, NASA Facilities Maintenance Management
- J69W-03, Energy Conservation
- www.eren.doe.gov/femp/procurement

Distribution: One electronic disk to the CO; one hard copy and one electronic copy to the JSC Energy Conservation Manager.

Format: Microsoft Window product, i.e. Excel, Word, or MS Project.

Details: The following represents the plan's general requirements and acceptable format.

JSC's Energy Efficiency and Water Conservation Management Plan

- 1.0 Introduction: In support and promotion of NASA's Strategic Plan, it is the responsibility of JSC to improve its energy efficiency and water conservation practices without impacting safety or mission support. Federal legislation has established Federal Energy Resource Management goals at *JSC. These goals are presented in EO 13123 and include an overall 35 percent reduction in energy consumption by FY2010 as measured from the base year of FY1985 for Non-Mission Variable and Mission Variable Buildings, and an overall 25 percent reduction for Energy Intensive Facilities by FY2010 as measured from the base year of FY1990.
- 2.0 Objective: In order to comply with Federal legislation, JSC must establish a 5-year Energy Efficiency and Water Conservation Management Plan. To support this requirement, the COSS Contractor shall develop a plan that applies to the Contractor's organization and incorporates

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***JSC Civil Servant and Contractor Organizations.** The primary objectives of this plan shall be to minimize energy and water consumption without impacting safety or Mission operations while making Center personnel aware of the importance of limiting energy and water use to the minimum requirements.

- 3.0 Scope of Work: The Plan shall be in accordance with listed referenced Federal legislation and NASA/JSC directives. The plan shall incorporate all required elements of the referenced material and integrate those elements into COSS contract functions such as engineering, transportation, supplies, procurement, and operations and maintenance. The plan shall include a detailed 5-year implementation schedule that corresponds with the frequency requested. The plan shall include but is not limited to the following elements:
- 3.1 Contractor Energy Manager: The Contractor shall appoint a key individual to serve as a focal point for all energy matters and to manage and monitor energy and water consumption and conservation. In his plan the Contractor shall provide a narrative on the function and responsibilities of the Energy Manager. The narrative shall outline his constituent and technical responsibilities and provide details on the methodology that will be used to carry them out.
- 3.2 Program Management: The Contractor shall describe in detail the method used to provide the oversight in the development and implementation of a 5-year energy efficiency and water conservation management plan. The plan shall address the items listed in ****NPG 8570.X** Chapter 3, Section 3.1 and discuss the methodology that will be used to promote and manage these functions. The Contractor shall further include management controls on the elements of design compliance, Green Star Procurement, energy and water conservation awareness, metering, HVAC and Lighting operations, utility system operations, HVAC seasonal adjustments, hot/cold call procedures, KVA demand, and water conservation. The plan must also address contract quality control measures that will be incorporated to ensure program management is proactive, responsive and objectives are obtained and the methodology used to develop metrics to ensure elements of the plan are met.
- 3.3 Center Wide Employee Awareness: The Contractor shall establish and promote an energy and water awareness program among Federal and Contractor personnel. The program shall describe in detail the methodology to increase Center awareness of Energy and Water Conservation. Awareness shall be a primary factor and shall be designed to create a general cognizance of the daily conservation measures that Federal and Contractor employees must take in order to meet mandated goals.
- 3.4 Utility Metering Program: The Contractor shall describe in detail how the existing metering at ***JSC** will be used to control and evaluate through metrics the Energy and Water Conservation Program. Additional details shall be provided that describe additional metering that is necessary to facilitate total accountability of utility usage along with recommended cost of implementation and proposed maintenance requirements. (See Section 3.7 of this DRD for Metrics)
- 3.5 Existing Metering at JSC, Ellington Field, and Sonny Carter Training Facility: Existing metering shall be used by the Contractor to acquire data on utilities supplied or consumed by major utility systems and buildings at JSC, EF and SCTF. The data collected is used to complete the Monthly Utility Report (MUR) and the Quarterly Energy Report (QER). Following is a list of required data that is, or shall be remotely sensed and recorded by the EMCS for incorporation into the Utility Metering Program. If remote sensing by the EMCS does not exist, the meters are to be read locally to obtain daily and monthly totals for MUR reporting purposes until EMCS installation.

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- 3.5.1.1 B#221, The 138 KV Electrical Substation for JSC: Data is to be remotely recorded by the EMCS at intervals of every 5 minutes and averaged for hourly use. Daily and monthly totals will be required for the MUR. The PHD of the EMCS shall historize the 5-minute acquisitions and hourly totals for trending purposes
- a. kWh on feeder JSC-1-615.
 - b. KVA on feeder JSC -1-615.
 - c. kWh on feeders 1-2, 2-2, 3-00, 4-2 and 5-2.
 - d. kWh on feeders 1-5, 1-6, 1-7, 1-8, 1-10 and 1-12.
 - e. kWh on feeders 2-2, 2-6, 2-7, 2-8, 2-11 and 2-12.
 - f. kWh on feeders 3-1, 3-2, 3-3 and 3-1.
 - g. kWh on feeders 4-4, 4-5, 4-12 and 4-13.
 - h. kWh on feeders 5-4, 5-5, 5-6, 5-9, 5-20 and 5-12.
- 3.5.1.2 B#340, The Gas Metering Station for JSC: Data is to be remotely recorded by the EMCS at intervals of every 10 minutes and totalized for hourly, daily and monthly use. Daily and monthly totals will be required for the MUR. The PHD of the EMCS shall historize the 10-minute acquisitions and hourly totals for trending purposes
- a. SCF of natural gas
- 3.5.1.3 B#24-the CHCP, B#47, B#222, B#227, B#260, B#350, B#416 and B#420: Data is to be remotely recorded by the EMCS only for usage at B#24 at intervals of every 10 minutes and totalized for hourly and monthly usage. Daily and monthly totals for all buildings will be required for the MUR. The PHD of the EMCS shall historize the 10-minute acquisitions and hourly totals for trending purposes
- a. SCF of natural gas
- * B#24 has two gas meters outside and inside the plant.
- 3.5.1.4 Potable and Waste Water System: Data is to be manually recorded to reflect daily and monthly totals.
- a. Gals of water on R'well, CL-322 (mech and electronic totalizers).
 - b. Gals of water on E. header to JSC (mech. and electronic totalizers).
 - c. Gals of chilled water make-up B#24.
 - d. Gals of cooling tower make-up B#24.
 - e. Gals of cooling tower make-up B#28.
 - f. Gals of potable water B#8N.
 - g. Gals of portable water B#8S.
 - h. Gals of water discharge, B#358
 - i. Gals of sewage to CLWA.
- 3.5.1.5 Weather Station B#24: Db, Wb and Solar Index shall be remotely recorded at 10 minute intervals and averaged for hourly values. Daily averages are to be used for the MUR with notations of high and lows for the day. The PHD of the EMCS shall historize acquisitions and hourly totals for trending purposes
- a. Dry bulb temperature.
 - b. Wet bulb temperature.
 - c. Solar index.
- 3.5.1.6 Steam Boilers B#24: Data is to be remotely recorded by the EMCS at intervals of every 15 minutes and totalized for hourly, daily and monthly use. Daily and monthly totals will be required

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for the MUR. The PHD of the EMCS shall historize acquisitions and hourly totals for trending purposes.

- a. Run time on natural gas for each boiler, hours per day.
- b. Run time on fuel oil, hours per day.
- c. SCF of natural gas used per boiler. *
- d. Gallons of fuel oil used per boiler.
- e. Stack temperature per boiler. *
- f. Lbs. of steam produced per boiler for natural gas. *
- g. Lbs. of steam produced per boiler for fuel oil.
- h. Steam pressure and temperature per boiler. *
- i. O₂ readings per boiler.
- j. Gallons of condensate return used.
- k. Gallons of make-up feed-water used.
- l. Water quality readings.

* These are the only points required for the remote readings at 15-minute intervals. The balance of points shall be manually recorded for total daily and monthly usage.

- 3.5.1.7 Electric drive chillers, B# 24, B# 28, B# 48: Data is to be remotely recorded by the EMCS at intervals of every 10 minutes and totalized for hourly, daily and monthly use. Daily and monthly totals will be required for the MUR. Acquisitions and hourly totals shall be historized by the PHD of the EMCS for trending purposes. Data on temperatures and pressures shall be averaged to obtain the hourly value. There will be no monthly total for temperature and pressure points.

- a. Run time for each chiller, hours per day.
- b. KWH used per chiller.
- c. Chilled water temperature leaving.
- d. Chilled water temperature entering.
- e. Chilled water pressure leaving.
- f. Chilled water pressure entering.
- g. Condenser water temperature and pressure leaving.
- h. Condenser water temperature and pressure entering.
- i. Chilled water flow in gpm per chiller.
- j. Condenser water flow in gpm per chiller.
- k. KWH per chilled water pump.
- l. KWH per condenser water pump.
- m. KWH per cooling tower fan.

- 3.5.1.8 Steam drive chillers, B# 24: Since the steam drive chillers are only run 1 hour per week, only daily and monthly totals are required.

- a. Run time for each chiller, hours per day.
- b. # of steam per chiller.
- c. Chilled water temperature, leaving.
- d. Chilled water temperature, entering.
- e. Chilled water pressure, leaving.
- f. Chilled water pressure, entering.
- g. Condenser water temperature and pressure leaving.
- h. Condenser water temperature and pressure entering.
- i. Chilled water flow in gpm per chiller.
- j. Condenser water flow in gpm per chiller.
- k. KWH per chilled water pump.
- l. KWH per condenser water pump.
- m. KWH per cooling tower fan.

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- 3.5.1.9 Diesel Generators B# 48: Data for KWH production is to be remotely recorded by the EMCS at intervals of every 10 minutes and totaled for hourly, daily and monthly use. The balance of points shall be manually recorded for total daily and monthly usage.
- a. Run time for each generator, hours per day.
 - b. Gals of fuel oil used by each generator.
 - c. KWH produced by each generator.
- 3.5.1.10 Center Facilities: Data is to be remotely recorded by the EMCS at intervals of every 5 minutes and averaged for hourly use. Daily and monthly totals will be required for the MUR. The PHD of the EMCS shall historize the 5-minute acquisitions and hourly totals for trending purposes
- A. Mission Variable Facilities: B#s 5, 5S, 30A, 30M, 30S, and 35 and 48.
 - B. Non-Mission Variable Buildings. B#s 1, 2, 3, 4N, 4S, 9, 9A, 9B, 9C, 10, 11, 12, 13, 14, 15, 17, 24, 28, 29, 33, 36, 44, 45, 110, 207, 225, 226, 227, 229, 241, 322, 325, 327, 329, 330, 342, 343, 383, 420, 421, 422 and 423
 - C. Energy Intensive Facilities: B#s 7, 7A, 8, 16, 16a, 31, 32, 32A, 37, 46, 49, SCTF, 222, 260, and 350 area (TTA).
 - a. KWH on total building usage
 - b. GPM of chilled water usage blended system.
 - c. Delta T on chilled water usage blended system.
 - d. GPM of chilled water usage un-blended system.
 - e. Delta T on chilled water usage un-blended system.
 - f. Lbs. of steam usage.
 - g. SCF of natural gas usage on B#s 222, 225, 226, 227, 229, 260, 322, 325, 329, 350, 420, 421, 422 and 423, daily cumulative.
- * Note that the KWh and chilled water usage totals for B#s 30M and 30S are those quantities delivered from B#221 and B#24/#28 respectively. Metering is required so data can be recorded when B#48 is servicing the MCC. The plan shall indicate how data will be obtained to satisfy this requirement during B#48 operations.
- ** B#s 222, 260 and 350 area have no chilled water or steam usage delivered from B#24/#28. The KWh readings on these buildings may be taken on a daily cumulative basis.
- *** Note that B#s 110, 207, 225, 226, 227, 229, 241, 322, 327, 330, 342, 343, 383, 420, 421 and 422 have no chilled water or steam usage from B#24/#28. The KWh readings on these buildings may be taken on a daily cumulative basis.
- **** Note that the KWh readings on B# 24 and B# 28 should not include the electric chiller readings.
- 3.5.1.11 Ellington Field Electrical, Natural Gas, Potable Water and Fire Water: Daily and monthly totals will be required until a local EMCS system is installed.
- a. KWH on E135-205, E140-465, E245-123, E380-545 and E 990-642.
 - b. SCF on E135-490, E266-377, E276-197, E380-221 and E990-984.
 - c. Gals. of potable water on E135-346, E276-201, E380-520 and E990-796.
 - d. Gals. of firewater on E247-090 and E 248-092.

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- 3.5.1.12 Sonny Carter Training Facility, Electrical, Natural Gas and Potable Water: Daily and monthly totals will be required until a local EMCS system is installed.
- KWH for the facility.
 - SCF of natural gas for the facility.
 - Gallons of potable water for the facility.
- 3.5.2 Acquisition Reliability: The Contractor shall describe the method employed to insure reliability of the data recorded.
- 3.5.3 Training: The Contractor shall include in the plan a program that provides training of personnel who will be responsible for data acquisition either manually or remotely, certification of the meters and performance of appropriate PMs as part of its quality assurance program,
- 3.6 Facility HVAC Operational and Lighting Controls: HVAC and Lighting baselines have been established for all Mall buildings served by the Utility Tunnel System. These are labeled as ****Y2K-HVAC Equipment and Lighting Baseline Status Reports**. It is the intent of the Federal Government to replace the current ****HVAC Operations Status Report** with these documents. The documents contain a listing of all HVAC equipment in buildings, their respective operational capacities and the corresponding hours of operation. Temperature settings for seasonal operations are noted, as is the On/Off status. Lighting panels are also identified with corresponding operational hours and KW ratings. The Contractor shall perform the following:
- Update the existing Y2K-HVAC Baseline Status Reports (BSR) for all Mall buildings. This will include equipment capacities, locations, set points, interlocks, and etc. that are not entered into the current database.
 - Update equipment listings and capacities on the Y2K HVAC BSR due to equipment replacements or deletions on existing facilities.
 - Re-format the existing HVAC Status Report for buildings that have not been included in the initial Y2K Baselines.

In order to maintain the Y2K HVAC BSR, the Contractor shall develop controls that provide an orderly management of operational hours or operational limits changes on HVAC equipment and lighting at ***JSC**. The controls shall include a formal procedure that approves requested operational requirements of new or deactivated HVAC or lighting systems, provides justification for those requested requirements on an annual basis, and updates the Y2K HVAC BSR on a monthly basis. The control shall be established through the issuance of Operational Change Orders (OCO) that will be used to update the Y2K HVAC BSR. Currently a Change Request Notification (CRN) process is loosely defined at ***JSC** and a formalized program is necessary to establish accurate and timely operational requirements that frequently change due to the Center's dynamics. As a minimum and using the document in the TRL labeled **** Facility HVAC and Lighting Operational Baseline Development and Change Notification Process**, the controls shall establish a work instruction that at a minimum accomplishes the following:

- Establishes a centralized operations base that serves as a focal point to receive submissions of OCOs/LCOs.
- Establishes OCO forms to modify existing operational parameters and account for energy usage changes on HVAC equipment and lighting systems.
- Establishes a system for submission and approval of the OCO/LCO forms.
- Establishes a method of justification for OCOs/LCOs that deviate from established JSC Work Instruction for energy conservation guidelines.
- Establishes a method to activate new or deactivate old HVAC equipment. OCOs must be submitted for activating new HVAC equipment and deactivated equipment.
- Establishes a method to maintain and update HVAC Equipment and Lighting Baseline Status Report.

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- g. Establishes a method of providing temporary HVAC service for operational changes that are required for less than 72 hours.
 - h. Establishes a method that provides the amount of energy saved or used by HVAC or lighting operational changes.
- 3.7 Utility Operations Management Controls: Utility Management controls shall be an integral part of operating primary energy consuming systems at the Center. Utility service shall be provided without waste to support the mission and test objectives of the Center while operating efficiently and economically.
- 3.7.1 Using the guidelines presented in ****NPG 8831.2C** Chapter 8, "Utilities Management", the Contractor shall provide in detail Utility Operational Management Control Plans for the following utility systems:
 - a. Utility Operation Management Plan for the Central Plant Steam Boilers and Distribution System:
 - #s steam/scf of natural gas
 - B#24 steam produced = # steam used by mall buildings
 - B#350 #s of steam/scf of natural gas
 - B#222 #s of steam/scf of natural gas
 - B#260 #s of steam/scf of natural gas
 - b. Utility Operations Management Plan for the Central Plants B#24/B#28 Chillers and Chilled Water Distribution System:
 - Chiller KWH/tn of refrigerant
 - Condenser water pump KWH/gpm
 - Chiller distribution pumps KWH/gpm
 - Cooling tower fan KWh/BTU
 - Chiller delta T
 - c. Utility Operations Management Plan for the Electrical Substation and Distribution System:
 - Demand Factor - 0.7 to 0.8 for each transformer.
 - Load Factor - 0.65 to 0.75 for each transformer.
 - Transformer Loss - 2 to 2.5 times the peak demand for each transformer.
 - Voltage Regulation - plus or minus 5 percent for each transformer.
 - Power Factor - plus 0.95 to minus 0.85 for each transformer.
 - d. Utilities Management Plan for the B#48 Chillers and Chilled Water Distribution System:
 - Chiller KWH/tn of refrigerant
 - Condenser KWH/gpm
 - Chiller distribution pumps KWH/gpm
 - Cooling tower fan KWh/BTU
 - Chiller delta T
 - Generator KWH/gal of fuel oil.
 - Gal of fuel oil/tn of refrigerant.
 - e. Utilities Operation Management Plan for Central Plants B#24/B#28 Air Compressors and Distribution System:

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- KWh/scf
 - f. Utility Operations Management Plan for the Center's Potable Water System:
 - Pump KWh/gpm of delivered water
 - g. Utility Operations Management Plan for the Center Sanitary Sewage System:
 - Pump KWh/gmp of SS
 - h. Utility Operations Management Plan for the Natural Gas Distribution System:
 - Total amount of natural gas delivered to site = natural gas used on site.
 - i. Facility Operation Management Plan: The primary objective will be to improve the efficiency of facility HVAC equipment and to reduce overall facility utility consumption.
 - Delta T of the building
 - BTU/GSF of the building.
 - j. Utility Operations Management Plans for EF and SCTF:
 - Use metrics stated above for chillers, cooling towers, boilers and facilities.
- 3.7.2 Minimum Contents for each system and components of a system: For examples refer to the TRL for the documents labeled **** NASA Goddard Space Flight Center, Building 24 Chiller Plant, Volume 2.**
- 3.7.2.1 Maintenance Guide: The guide is to provide O&M personnel with a summary for RCM, PM, PT&I and Running Maintenance for a utility system and its components. It does not duplicate the PM information in Annex 4.0
 - 3.7.2.2 Operating Procedure: The purpose is to provide operations personnel with a standard operating procedure for each system.
 - 3.7.2.3 System Description: The purpose is to provide operations personnel with a system overview and to describe the functions of the systems major components and subsystems.
- 3.7.3 Metrics: The Contractor shall use the defined efficiency goals or standards for each listed utility system. Metrics shall be used to track energy or water use against productive output, facility utilization, or physical characteristics to measure progress toward the defined goals. Metrics will be formally reported on a monthly basis via the MUR.
- 3.7.4 Energy Audit Checklists: Using Appendix C in ****NPG 8570.X**, the Contractor shall develop an energy audit checklist that will be used by the energy manager to inspect and identify the energy efficiency, safety and environmental soundness of the Center's utility systems. For each item on the list, the Contractor shall specify the method used for implementation, an implementation schedule and the frequency the item requires audit. Monthly reports to the JSC Energy Manager will be required that provide a summary of monthly activities and their respective results. The Contractor shall supplement the checklist and reports by the use of Appendix D of ****NPG 8570.X**.
- 3.7.5 Operations and Maintenance Checklists: Using Appendix F in ****NPG 8570.X**, the Contractor shall develop a list of no and low cost energy savings opportunities (ESO). The list shall identify

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the ESO, the amount of requested funding, if any, and an implementation schedule for the ESOs identified.

- 3.8 HVAC System Seasonal Adjustment Controls: HVAC System Adjustment Controls are intended to reduce energy consumption in accordance with mandated energy and water conservation legislation while continuing to provide adequate environmental conditions in laboratory, computer and office areas. Currently, JSC has one formal seasonal adjustment plan. It is entitled the ****HVAC Seasonal System Adjustment Program**. The Contractor shall describe its plans for maintaining, updating and implementing the plan while incorporating energy and water conservation operational constraints into the plans.
- 3.9 Hot/Cold Call Program: ***JSC** has a draft DMI that outlines the Contractor's responsibilities in response and resolution of discomfort calls received from facility users
- 3.10 KVA Demand Controls: The Contractor shall provide a detailed account of its plans to maintain, update and implement the **** Annual Plan for Management of JSC's kVA Demand**.
- 3.11 Procurement Controls: The Contractor shall describe in detail the method that will be incorporated to insure the procurement of Energy Star and other Energy Efficiency Products in response to EO 13123, Section 403.(b).
- 3.12 Water Conservation: In this plan, the Contractor must list supply and demand management measures that will be earmarked for implementation. Costs, metrics and scheduling must be incorporated into the plan.

References: DRD AN-1-4.

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(Based on JSC-STD-123)

1. DRD Title Monthly Utility Report (MUR)	2. Current Version Date 5-29-01	3. DRL Line AN-1-4	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) Report is to be used for accounting of energy use, evaluation of the energy program and for the development of the Quarter Energy Consumption and Cost Report for *JSC			
5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional) None	7. Interrelationships (e.g., with other DRDs) (Optional) DRD AN-1-5		
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert28]:

Scope: The purpose of this report is to account for the energy delivered to *JSC, develop metrics for NASA HQ evaluation of the program and identify the energy usage of facilities and systems. Data from this report is also used to develop the required Quarterly Energy Consumption and Cost Report to NASA HQ.

Frequency: Monthly. Report is due by the 15th of the month.

Distribution: One hard copy to the COTR and one electronic copy to the JSC Energy Conservation Manager.

Format: Use the current **Monthly Utility Report as a guideline and follow the outline presented in the details below. All electronic data to be in Microsoft Excel.

Details: The following represents the plans general requirements and acceptable format.

(a) Letter of transmittal.

(b) Section I - Electrical Supply, Generation and Usage Report

1. Daily and monthly totals of kWh supplied to JSC, Feeder JSC-615 and monthly total of kWh billed by the Retail Energy Provider (REP).
2. Daily and monthly totals of kVA supplied to JSC and monthly total of kVA supplied by the REP.
3. Daily and monthly totals of KWh used by Feeders 1-2, 2-3, 3-00, 4-2 and 5-2.
4. Daily and monthly summation of KWh used by Feeders 1-2, 2-2, 3-00, 4-2 and 5-2.
5. Daily and monthly ratio comparison of Feeder usage vs. KWh supplied to JSC. (percentage +/- tolerance)
6. Daily and monthly totals of KWh produced by each generator in B# 48. (Gens 01, 02, 03, 07 and 09)
7. Daily and monthly run times for each generator in B# 48.
8. Daily and monthly gals of fuel oil used by each generator in B#48
9. Daily and monthly avg KWh/gal of fuel oil for each generator in B#48.
10. Daily and monthly percent usage for each generator in B# 48.
11. Daily and monthly totals of KWh produced by each standby emergency generators. The generators are at the following locations: B# 17-Gen 01, B# 32-Gen 02, B#37-Gen-01 and B# 39A-Gen 01.
12. Daily and monthly percent of usage of each standby emergency power generator.

Section II - Natural Gas and Usage Report

1. Daily and monthly totals of natural gas supplied to JSC.
2. Daily and monthly totals of natural gas used by B#s 24, 47, 222, 227, 260, 350, 416 and 420.

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3. Daily and monthly summation of natural gas used by B#s 24, 47, 222, 227, 260, 350, 416 and 420.
4. Daily and monthly ratio comparison of building natural gas usage vs. natural gas supplied to JSC. (Percentage +/- tolerance).

Section III - B#24 Natural Gas/Fuel Oil Usage and Steam Production

1. Daily and monthly natural gas usage, fuel oil usage and operational hours for each boiler in B# 24.
2. Daily and monthly summation of natural gas usage, fuel oil usage and operational hours for the boilers in B# 24
3. Daily and monthly steam production for each boiler when fired by natural gas.
4. Daily and monthly steam production for each boiler when fired by fuel oil.
5. Daily and monthly summation of steam production by all boilers.
6. Daily and monthly ratios for steam produced/natural gas usage and steam produced/fuel oil usage.
7. Monthly total of natural gas used by all boilers.
8. Monthly total of fuel oil used by all boilers.
9. Total average ratio of # of steam/scf of natural gas.
10. Total average ratio of # of steam/gal. of fuel oil.
11. Daily and monthly total of steam usage by the mall buildings.
12. Daily and monthly ratio of steam produced vs. steam used by the mall buildings. (Percentage +/- tolerance).

Section IV - B#24 Refrigeration Production and Energy Usage Report

1. Daily and monthly totals of refrigeration produced and operational hours for each of B#24, Chillers #1 thru #7. A daily max., min. and avg. db/wb must be compiled and listed for each day of the month.
2. Daily and monthly summation of total refrigeration produced by B#24 Chillers along with a monthly db/wb average.
3. Daily and monthly totals of energy used for each chiller. Chillers #1 thru #3 will reflect steam usage while Chillers # 4 thru #7 will reflect KWh usage.
4. Daily and monthly summation of total steam and KWh used by the chillers.
5. Daily and monthly lbs/tn for each steam chiller.
6. Daily and monthly KWh/tn for each electric chiller.
7. Monthly overall average lbs/tn for all the steam chillers.
8. Monthly overall average KWh/tn for all the electric chillers.
9. Monthly total of refrigeration produced by steam and the corresponding percentage of total production.
10. Monthly total of refrigeration produced by electricity and the corresponding percentage of total production.
11. Monthly total of all refrigeration produced.

Section V - B#28 Refrigeration Production and Energy Usage Report.

1. Daily and monthly totals of refrigeration produced and operational hours for each of B#28, Chillers #1 and 2. A daily max., min. and avg. db/wb must be compiled and listed for each day of the month.
2. Daily and monthly summation of total refrigeration produced by B#28 Chillers along with a monthly db/wb average.
3. Daily and monthly totals of KWh used for each chiller.
4. Daily and monthly summation of total KWh used by the chillers.
5. Daily and monthly KWh/tn for each electric chiller.
6. Monthly overall average KWh/tn for the electric chillers.
7. Monthly total of refrigeration produced.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

Section VI - B#48 Refrigeration Production and Energy Usage Report

1. Daily and monthly totals of refrigeration produced and operational hours for each of B#48, Chillers #1 #2 and #3. A daily max., min. and avg. db/wb must be compiled and listed for each day of the month.
2. Daily and monthly summation of total refrigeration produced by B#48 Chillers along with a monthly db/wb average.
3. Daily and monthly totals of refrigeration provided by B#24/#28 to B#48. A daily max., min. and avg. db/wb must be compiled and listed for each day of the month.
4. Daily and monthly summation of total refrigeration provided by B#24/#28. A daily max., min. and avg. db/wb must be compiled and listed for each day of the month.
5. Daily and monthly totals of KWh used for each chiller and provided by B#48 diesel generators.
6. Daily and monthly totals of KWh used for each chiller and provided by the B#221 electric substation.
7. Daily and monthly summation of total KWh used by the chillers provided by B#48 diesel generators.
8. Daily and monthly summation of total KWh used by the chiller provided by B#221.
9. Daily and monthly KWh/tn for each electric chiller.
10. Monthly overall average KWh/tn for the electric chillers.
11. Monthly total of refrigeration produced by B#48 chillers.
12. Monthly total of refrigeration provided by B#24/#28.
13. Monthly total of KWh provided by B#48.
14. Monthly total of KWh provided by B#221.

Section VII - Electrical Feeder Power Distribution Report

1. Daily and monthly KWh of Feeder 1-2 and sub-feeders 1-5, 1-6, 1-7, 1-8, 1-10, 1-11 and 1-12.
2. Daily and monthly KWh of feeder 2-2 and sub-feeders 2-2, 2-6, 2-7, 2-8, 2-11 and 2-12.
3. Daily and monthly KWh of feeder 3-00 and sub-feeders 3-1, 3-2, 3-3 and 3-4.
4. Daily and monthly KWh of feeder 4-2 and sub-feeders 4-4, 4-5, 4-12 and 4-13.
5. Daily and monthly KWh of feeder 5-2 and sub-feeders 5-4, 5-5, 5-6, 5-9, 5-10 and 5-12.
6. Monthly summations of KWh on Feeder 1-2 and sub-feeders 1-5, 1-6, 1-7, 1-8, 1-10, 1-11 and 1-12.
7. Monthly summations of KWh on feeder 2-2 and sub-feeders 2-2, 2-6, 2-7, 2-8, 2-11 and 2-12.
8. Monthly summations of KWh on feeder 3-00 and sub-feeders 3-1, 3-2, 3-3 and 3-4.
9. Monthly summation of KWh on feeder 4-2 and sub-feeders 4-4, 4-5, 4-12 and 4-13.
10. Monthly summation KWh on feeder 5-2 and sub-feeders 5-4, 5-5, 5-6, 5-9, 5-10 and 5-12.
11. Monthly ratio comparisons of feeder KWh usage and sub-feeder usage (percentage plus or minus tolerance).

Section VIII - Building Electrical Power Usage Report

A. Mission Variable Buildings

1. Daily and monthly summation of KWh usage for B# 5, 5S, 30A, 30M, 30S, 35 and 48. (Building 48 should have two columns. One KWh produced by generators and the other, supplied from B#221.)

* For B# 30M use only KWh supplied from B# 221.

B. Non-Mission Variable Buildings

1. Daily and monthly summation of KWh usage for B# 1, 2, 3, 4N, 4S, 9, 9A, 9B, 9C, 10, 11, 12, 13, 14, 15, 17, 29, 33, 36, 44 and 45.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

2. Monthly summation of KWh usage for B# 110, 207, 210, 225, 226, 227, 229, 241, 322, 327, 330, 342, 343, 383, 420, 421 and 422.

C. Energy Intensive Buildings

1. Daily and monthly summation of KWh usage for B# 7, 7A, 8, 16, 16A, 31, 32, 32A, 37, 46, and 49.
2. Monthly summation of KWh usage for B# 222 and 260.

* Amounts for B# 24 and 28 shall be total consumption for the building including chiller consumption.

Section IX - Mall Building Chilled Water Usage Report

A. Mission Variable Buildings

1. Daily and monthly summation of chilled water usage for B#s 5, 5S, 30A, 30M, 30S and 35. (express in tons)

* There should be two columns for B# 30M and 30S. One column should have tons of chilled water from B#24/28 and the other should have tons from B#48.

B. Non-Mission Variable Buildings

2. Daily and monthly summation of chilled water usage for B# 1, 2, 3, 4N, 4S, 7, 9, 9A, 9B, 9C, 10, 11, 12, 13, 14, 15, 17, 29, 33, 36, 44 and 45. (express in tons)

C. Energy Intensive Buildings

1. Daily and monthly summation of chilled water usage for B# 7, 7A, 8, 16, 16A, 31, 32, 32A, 37, 46, and 49. (express in tons)

Section X - Mall Building Steam Usage Report

A. Mission Variable Buildings

1. Daily and monthly summation of steam usage for B#, 5, 5S, 30A, 30M, 35, 37, 46 and 49. (express in lbs. of steam)

* For B# 30M use steam supplied from B#24.

B. Non-Mission Variable Buildings

1. Daily and monthly summation of steam usage for B# 1, 2, 3, 4N, 4S, 9, 9A, 9B, 9C, 10, 11, 12, 13, 14, 15, 17, 29, 33, 36, 44 and 45. (express in lbs. of steam)

C. Energy Intensive Buildings

1. Daily and monthly summation of steam usage for B# 7, 7A, 8, 16, 16A, 31, 32, 32A, 37, 46, and 49. (express in lbs. of steam)

Section XI - Potable Water System Report

No change in format is required.

Section XII - Waste Water System and Monthly Rainfall Report

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

No change in format is required.

Section XIII - Ellington Field Utility Usage Report

No change in format is required.

Section XIV - Refrigerant Supply and Usage report

No change in format is required.

Section XV - SCTF Usage Report

1. Daily and monthly total of KWh Usage.
2. Daily and monthly total of SCF of natural gas usage.
3. Monthly total of potable water usage.
4. Monthly total of gals of sanitary sewage.

Section XVI - Metrics

1. Metrics to be reported by Contractor.
2. Metrics are listed in DRD-AN-1-3.
3. Metrics will be used to chart progress of Contractor maintaining energy efficient systems.

References: DRD AN-1-3, AN-1-5.

Maintenance of Report: Monthly report and data used to generate the report is required to be archived.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title **NASA Quarterly Energy Consumption and Cost Report	2. Current Version Date 5-29-01	3. DRL Line AN-1-5	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) Data is mandated by EO13123 and submitted to NASA HQ via NETS for inclusion into the Energy Resource Management Program.			
5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional)		7. Interrelationships (e.g., with other DRDs) (Optional)	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert29]:

Scope: The Contractor must provide energy consumption data on various facilities and systems at the Center to support NET energy consumption and costs for the ERMP.

Frequency: Report is due quarterly of the Fiscal Year. Due date is 15 days following the end of the previous quarter.

Distribution: One hard copy to the CO and one hard copy and one electronic copy to the JSC Energy Manager. Electronic copy must be in Microsoft Windows Product, i.e. Excel, Word or MS Project.

Format: Format must follow the outline presented in the details below.

Details: The following represents the plans general requirements and acceptable format.

Page 1: Cover letter of transmittal, see **** NASA Quarterly Energy Consumption Report**.

Page 2: Same as current report. See **** NASA Quarterly Energy Consumption Report**. If multiple meters exist for an area, i.e. Ellington Field, subtotals must be provided.

The preceding pages must contain the following information in a format specified by the Contractor

- (a) Total KWh usage for each Mission Variable Building (MVB), for each month and for the reporting quarter. The buildings are as follows: B# 5, 5S, 30A, 30M, 30S, 35 and 48.
 - For buildings 30M and 30S, report only KWh supplied from B#221.
 - For B#48 report KWh produced by the diesel generators.
 - Currently all data is electronically compiled on a continuous basis by the EMCS/eBI in B#24 with the exception of B# 222 and 260.
- (b) Total refrigeration consumption, in tons, for each of the following MVBs: B# 5, 5S, 30A, 30M, 30S, 35 and 48.
 - For B# 30M and 30S report only the tonnage supplied to these buildings by B#24 and 28.
 - For B#48 report tonnage supplied to B# 30M and 30S while chillers are on diesel power.
- (c) Total steam consumption, in lbs., for each of the following MVB for the reporting quarter: B# 5, 5S, 30A, 30M, 30S and 35.
- (d) Total KWh usage for each Non-Mission Variable Building (NMVB), for each month and for the reporting quarter. The buildings are as follows: B# 1, 2, 3, 4N, 4S, 9&9A, 9B, 9C, 10, 11, 12, 13, 14, 15, 17, 25, 29, 33, 36, 44 and 45.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

(e) Total refrigeration consumption for each NMVB, for each month and for the reporting quarter. The buildings are as follows: B# 1, 2, 3, 4N, 4S, 9&9A, 9B, 9C, 10, 11, 12, 13, 14, 15, 17, 25, 29, 33, 36, 44 and 45.

(f) Total steam consumption for each NMVB, for each month and for the reporting quarter. The buildings are as follows: B# 1, 2, 3, 4N, 4S, 9&9A, 9B, 9C, 10, 11, 12, 13, 14, 15, 17, 25, 29, 33, 36, 44 and 45.

(g) Total KWh usage for each Energy Intensive Facility (EIF), for each month and for the reporting quarter. The buildings are as follows: B# 7, 7A, 8, 16, 16A, 31, 32, 32A, 37, 46, 49, 222 and 260.

(h) Total refrigeration consumption for each EIF, for each month and for the reporting quarter. The buildings are as follows: B# 7, 7A, 8, 16, 16A, 31, 32, 32A, 37, 46, and 49.

(i) Total steam consumption for each EIF, for each month and for the reporting quarter. The buildings are as follows: B# 7, 7A, 8, 16, 16A, 31, 32, 32A, 37, 46, and 49.

(j) Total natural gas consumption for each EFI, for each month and for the reporting quarter. The buildings are as follows: B# 222, 260, 350, and SCTF.

(k) Total KWh consumption for B# 24 for each month and for the reporting period

(l) Total KWh consumption for B#28 for each month and for the reporting period.

(m) Total KWh produced by B# 48 for each month and for the reporting period.

(n) Total steam production in lbs for B#24 for each month and for the reporting period

(o) Total individual natural gas consumption in scf for B# 24, for each month and for the reporting period

(p) Total chilled water production in tons for B# 24 for each month and for the reporting period.

(q) Total chilled water production in tons for B# 28 for each month and for the reporting period.

(r) Total chilled water production in tons for B# 48 each month and for for the reporting period.

(s) Total KWh usage for Ellington Field for each month and for the reporting period.

(t) Total natural gas consumption in SCF for Ellington field for each month and for the reporting period.

References: None

Maintenance: Reports to be archived by the Contractor.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title **JSC Cold Weather Protection Plan	2. Current Version Date 3-29-01	3. DRL Line AN-1-6	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) The Contractor will use this Plan to prevent damage to the facilities and equipment at JSC, EF and SCTF from the effects of freezing weather.			
5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional) None.		7. Interrelationships (e.g., with other DRDs) (Optional)	
8. Preparation Information (Include complete instructions for document preparation)			

Scope: Plan is to be put into effect by the Contractor on confirmed forecast of below 32 degrees F for more than 4 hours.

Frequency: Due to the COTR October 1 of each year for review and approval.

Distribution: One electronic copy and two hard copies to the COTR. Electronic disk copies must be a Microsoft Windows Product, i.e. Excel, Word or MS Project.

Format: Per the details below.

Details: See **** JSC Cold Weather Protection Plan**. Current plan is to be updated by the Contractor prior to the plans due date for inclusion of SCTF.

References: None

Maintenance: Update plan on a yearly basis for inclusion of equipment/system changes or additions as well as modified or newly constructed facilities.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Supporting SOPs of *JSC Emergency Preparedness Plan JSC-05900	2000	AN-1-7	RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) Develop plan for providing support for *JSC **Emergency Preparedness Plan JSC-05900 and SOPs as required. This is an OSHA requirement and the Contractor shall have a plan in place that outlines their responsibilities in the event of an emergency.			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input type="checkbox"/> Administrative <input checked="" type="checkbox"/> SR&QA			
6. References (Optional)		7. Interrelationships (e.g., with other DRDs) (Optional)	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert30]:

Scope: Develop a plan to support activities on SOPs identified in the Emergency Preparedness Plan and participate in annual reviews of the plan to identify and document improvements and required changes. The plan is to parallel the Center's plan and the Contractor must maintain, update, and implement the plan in response to emergencies on site.

Frequency: Plan is due to CO 30 days after start of contract for review and approval and yearly in March thereafter.

Distribution: One hard copy and one electronic disk to the CO.

Format: Per the following outline presented in the Center's **Emergency Preparedness Plan JSC-05900.

Details: See **Emergency Preparedness Plan JSC-05900.

References: None

Maintenance: Annually updated.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line AN-1-9	RFP/Contract No. (Procurement completes) RFP 9-BJ32-T63-0-24P
Wage/Salary and Fringe Benefit Data			

4. USE (Define need for, intended use of, and/or anticipated results of data)

The Wage/Salary and Fringe Benefit Data will be used by the NASA Contracting Officer and the Industrial Labor Relations Office to provide the necessary data for submittal of Standard Form (SF) 98, Notice of Intention to Make a Service Contract and Response to Notice, to the Department of Labor, and to assist in the monitoring of Service Contract Act compliance.

5. DRD Category: (check one)	<input type="checkbox"/> Technical	<input checked="" type="checkbox"/> Administrative	<input type="checkbox"/> SR&QA
6. References (Optional)	7. Interrelationships (e.g., with other DRDs) (Optional) FAR 52.222-41		
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert31]:

DISTRIBUTION: Per Contracting Officer's letter.

INITIAL SUBMISSION: Start date of contract, at end of phase-in.

SUBMISSION FREQUENCY: Annually based on the start date of contract.

DATA PREPARATION INFORMATION:

SCOPE: The Wage/Salary and Fringe Benefit Data must be submitted by the Contractor, and any subcontractors which are subject to the provisions of the Service Contract Act, to the Contracting Federal Agency. In accordance with FAR regulations 22.1007 and 22.1008, the Contracting Officer is required to submit a SF 98 to the Department of Labor, Wage and Hour Division.

APPLICABLE DOCUMENTS: None

CONTENTS: The Wage/Salary and Fringe Benefit Data should contain the data included in the enclosed DRD forms, titled "Wage/Salary Rate Information", "Fringe Benefit for Service Employees", and "Fringe Benefits per Collective Bargaining Agreement". The Wage/Salary Rate Information shall contain a listing of all exempt and nonexempt labor classifications working on the contract. Separate forms should be utilized for classifications working in different geographic areas and for each subcontractor. Wage determination numbers, appropriation labor organization names, and subcontractor names, must be reflected. All nonexempt labor classifications must be matched to wage determination classes or to CBA classifications for represented classes. Annotate exempt or nonexempt and union or nonunion. The current hourly rates should reflect the actual lowest and highest paid employees, along with a computed average rate. State the number of employees working in each category. Separate Fringe Benefit forms should be completed for nonrepresented classifications and for each separate CBA. A separate form must be completed for the prime and each subcontractor. Three copies of each Collective Bargaining Agreement are required.

FORMAT: The Wage/Salary and Fringe Benefit Data should be in a format substantially the same as enclosed with this DRD. (Forms 2, 3, and 3A)

MAINTENANCE: Changes shall be incorporated as required by change page or complete reissue.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

FORM 2

Page 1 of 1

WORK SHEET FOR SF-98 DATA WAGE RATE INFORMATION

Illustration of required data

WAGE CONTRACTORS LABOR CLASSIFICATION	DETERMINATION CLASSIFICATION	EXEMPT OR NON EXEMPT	UNION OR NON UNION	CURRENT HOURLY RATE	MYE NO. OF EMPL.
Project Manager	Not Required	E	N	\$25.00	1
Supervisor	Not Required	E	N	\$20.00	1
Electrical Engineer	Not Required	E	N	\$16.50 - \$20.00	3
Technician, Jr	Elect Tech Main 1	N	U	\$12.78 - \$15.50	12
Technician, Sr.	Elect Tech Main II	N	U	\$18.20 - \$20.00	4
Secretary	Secretary I	N	N	\$11.11 - \$12.50	2
File Clerk	General Clerk I	N	N	\$8.29	1
Clerical Data Entry	Word Processor I	N	N	\$9.25 - \$10.90	1

Submit data in the above illustrated format for all labor classifications used, or planned to be used, on this contract. All contract labor classifications must be matched to wage determination classes listed in CBA's represented classes or classes shown in WD 94-2516 for nonrepresented classes.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

FORM 3

Page 1 of 2

FRINGE BENEFITS PER COLLECTIVE BARGAINING AGREEMENT

For period from _____ to _____

Contractor:

Contract Number:

Number of employees in bargaining unit _____

Total number of employees on contract _____

1. Shift Differential: (Describe any pay over and above base rates for 2nd, 3rd, weekend, or other shifts.)

2. Health and Welfare Items and Other Fringe Items: (Indicate whether or not coverage is provided to employees and state current average hourly cost per employee covered by a Collective Bargaining Agreement.)

Item	Coverage Provided (Yes or No)	Average Hourly Cost
a. Life Insurance		
b. Accidental Death		
c. Disability		
d. Medical and Hospital		
e. Dental		
f. Retirement Plan		
g. Savings/Thrift Plan		
h. Sick Leave		
i. Tuition		
j. Other (Describe)		

TOTAL

1. Paid Absences:

	Service Requirement	Days per Year
a. Vacation		
b. Holiday		
c. Sick Leave		
d. Jury Leave		
e. Funeral Leave		
f. Military Leave		
g. Other (Describe)		

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

FORM 3

Page 2 of 2

1. Severance Pay: (Briefly describe terms and amounts.)
2. Other Fringe Benefits: (Describe any other fringe benefits not included above, and show average hourly cost.)
3. Premium Pay: (Discuss all premium pay provisions not previously shown on this form.)

Signature of Company Representative

Date

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

FORM 3A

Page 1 of 1

FRINGE BENEFITS FOR SERVICE EMPLOYEES

For period from _____ to _____

Contractor:

Number of nonexempt employees on contract: _____

Total number of employees on contract: _____

1. Health and Welfare Items and Other Fringe Items:

(Indicate whether or not coverage is provided to employees and state current average hourly cost per service employee.)

<u>Item</u>	<u>Coverage Provided</u>	<u>Average Hourly Cost</u>
a. Life Insurance		
b. Accidental Death		
c. Disability		
d. Medical and Hospital		
e. Dental		
f. Retirement Plan		
g. Savings/Thrift Plan		
h. Sick Leave		
i. Tuition Reimbursement		
j. Other (Describe)		

1. Paid Absences

	<u>Service Requirement</u>	<u>Days per Year</u>
a. Vacation		
b. Holidays		
c. Sick Leave		
d. Jury Leave		
e. Funeral Leave		
f. Military Leave		
g. Other (Describe)		

Signature of Company Representative

Date

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title Functional Metrics	2. Current Version Date Per RFP	3. DRL Line AN-1-10	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
------------------------------------	---------------------------------------	---------------------------	--------------------------------------------------------------------

4. Use (Define need for, intended use of, and/or anticipated results of data)
Established SOW functional performance metrics and documents trends. Assures compliance with contract requirements.

5. DRD Category: (check one) ☐ Technical ☒ Administrative ☐ SR&QA

Comment [Insert32]:

6. References (Optional)

7. Interrelationships (e.g., with other DRDs) (Optional)

8. Preparation Information (Include complete instructions for document preparation)

Scope:

The Contractor shall plan, implement, accomplish, and submit all metric requirements in this DRD for designated functional requirements. Functional requirements include all work requirements specified in Section C of the contract. These metric and reporting requirements are in addition to other metrics, on-line electronic data, reports, and submittals that are required in the various technical annexes of Section C. The Contractor shall evaluate these metric data and take all steps necessary for the improvement of any required performance, quality, and/or efficiency that the Contractor fails to meet. This evaluation and its effectiveness shall assure the COTR full and total compliance with the contract requirements. The Contractor may propose metrics he deems would be meaningful to include in this DRD.

Frequency of Data Reporting:

The Contractor shall continuously maintain electronic on-line access to the most recent data required in this DRD. The access shall be formally reported by the 10th of each month.

The Contractor shall submit data, records, and reports required by this DRD via hard copies once per month, or as otherwise may be noted, during entire contract period. This hardcopy and electronic copy shall be due to Government on the 10th of each month, or as otherwise noted.

Distribution:

Submit 1 hard copy and 1 electronic copy of all data requirements to the CO, COTR, and JSC Occupational Safety Branch as detailed in the DRD for specific metrics. The metrics shall also be linked to the COD web homepage.

Format:

The Contractor and the COTR shall jointly agree on the format of data and reporting. See the end of this DRD for the Metric Standard for JSC Report format and example metric. The Government will determine the "Stoplight Goals" within 90 days of contract start for each required metric. Minor changes in format and content shall be expected from time to time to improve use, application and meaningfulness of metrics. Electronic format to be on Microsoft Windows based software. Data elements are to be reported and maintained in Microsoft Excel. The data shall be put on the Contractor's homepage in a manner such that all metrics can be easily accessed in a single location and they shall be linked to the COD homepage.

Supporting Data and Metrics:

The Contractor shall maintain and provide Government electronic on-line access to the back-up detail data that supports all DRD requirements. For example the data will have: work elements data, equipment ID, criticality class code, building number, customer, annex, functional area etc.; and is expected to be available, such that analysis and trending to various focused levels and detail may be achieved. The

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

intent is that other on-line data be accessible that readily supports all data submitted with this DRD and that the Government shall have full and unlimited access to that data.

Metric Reports and Submittals:

The Contractor shall prepare, submit, and maintain the following metrics. Note: All fields of data are to be provided:

Table of Contents

- I. Administrative
 - A. Safety
- II. Facility Engineering
 - A. Maintenance
 - B. Directed Services
 - C. Engineering Support
 - D. Environmental
- III. Logistics Division Metrics
 - A. Monthly Metrics
- IV. Metric Format Requirement

I. Administrative

A. Safety

a. OSHA recordable frequency rate on a monthly basis for the contract year with projections to the end of the year. Metrics shall be for Lost Work Day Cases frequency rate, OSHA Reportable Case frequency rate, and OSHA Lost Work Day Case severity rate. The definitions for the metrics required are found in Annex 1 CLIN 1.8.1.

b.

		This Month	Contract Year- to-Date	Contract Period- to-Date
1	Number of *JSC safety work orders added			
2	Number of *JSC safety work orders completed			
3	Number of *JSC safety work orders open over 30 days			
4	Number of *JSC safety work orders open over 60 days			
5	Number of *JSC safety work orders open over 90 days			
6	Number of regulatory violations (any regulatory agency)			
7	Number of hours worked by SIC Code by function/activity			
8	Number of regulatory citations (any regulator agency)			

II. Facility Engineering:

Monthly Metrics

In addition to the metrics specifically identified below, submit 10 monthly metrics for CLINs within Annexes 1 – 8 and 13. These ten metrics will be developed in coordination with the Government. These metrics will be indicative of performance schedule (timeliness), and quality of required services for the Facility Engineering Division. These metrics will become a basis for trending areas needing improvement, as well as reflective of the overall performance of the Contractor in the facility engineering functions. Some metrics may be added or changed as contract focus is changed before each new performance evaluation period; however, no more than 10 of these additional metrics will be required to be submitted on a monthly basis at any one time. All metrics will be based on data available in existing databases or already required

Deleted: , 2, 3, 4, 5, 6, 7 and 8

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

to be collected elsewhere in the contract.

A. Maintenance

1. The Contractor shall implement maintenance metrics using definitions as defined in NHB 8831.2A and as may be further defined in the Public Works Annexes and this DRD. The Contractor CMMS shall incorporate tracking, status, history costing, and other requests in SOW for all work elements by equipment ID, system, unit, facility, facility class code, and other requirements in SOW.

a. Maintenance Work Elements

PM -	Preventive Maintenance Task
PT&I -	Predictive Testing & Inspection Task
TC -	Trouble Calls (ETC + RTC + UTC) Task
ETC -	Emergency Trouble Calls
RTC -	Routine Trouble Calls
UTC -	Urgent Trouble Calls
R -	Repairs (RPM + RPT + RU) Task
RPM -	Repairs as Results of PM Task
RPT -	Repairs as Results of PT&I Task
RU -	Other Repairs Task

2. Scheduled Maintenance Cost vs. Repair Cost

- SFUSS – PM&PTI Cost, PM Cost, PTI Cost, Repair Cost, (Y Axis) by Month (X Axis) compiled for most recent 12 months.
- SFUSS – Cumulative PM&PTI Cost, Cumulative PM Cost, Cumulative PTI Cost, Cumulative Repair (Y Axis) for Contract Year to Date and Last 12 Months (X Axis).
- User Equipment - PM&PTI Cost, PM Cost, PTI Cost, Repair Cost, (Y Axis) by Month (X Axis) compiled for most recent 12 months.
- User Equipment - Cumulative PM&PTI Cost, Cumulative PM Cost, Cumulative PTI Cost, Cumulative Repair (Y Axis) for Contract Year to Date and Last 12 Months (X Axis).

Goal: Increase in PM&PTI Cost and Decrease in Repair Costs. Overall goal is 80% PM&PTI and 20% Repair.

3. Scheduled Maintenance Tasks vs. Repair Tasks

- SFUSS - PM&PTI Task Percentage, Repair Task Percentage, (Y Axis) by Month (X Axis) compiled for most recent 12 months.

Goal: Increase in PM&PTI Task Percentage and Decrease in Repair Task Percentage. Overall goal is 80% PM&PTI and 20% Repair.

4. BMAR as % of CRV (HQ Metric # 11)

- SFUSS – BMAR Cost as calculated monthly from Facility Condition Assessment as a Percentage of CRV COST (Current Replacement Value) compiled for the most recent 12 months.

5. Ratio of Maintenance Cost Compared to Total O&M Cost (HQ Metric # 9)

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

- a. SFUSS – Monthly Maintenance (PM&PTI) Cost as a ratio of the total Operations and Maintenance (Annex 2 and 4) Cost compiled for the most recent 12 months.

6. SFUSS Maintenance Performance

a.

SFUSS Maintenance	Current Month	Contract Year-To-Date
	No.	No.
SFUSS Maintenance Task (PM & PT&I) Scheduled		
SFUSS Maintenance Task (PM & PT&I) Completed on Schedule		
SFUSS Maintenance Task (PM & PT&I) Not Performed		
Number of SFUSS Unplanned Down Time Occurrences		
SFUSS Unplanned Down Time (Hours)		
% SFUSS Available		

7. Repair Performance

a.

Repair	Beginning Balance No.	No. Added This Month	No. Removed This Month	Ending Balance
1. SRT Tags				
2. SRT Tags in place over 30 days				
3. SRT Tags in place over 60 days				
4. SRT Tags in place over 90 days				
5. Hot/Cold calls received				

SRT - SERVICE Request Tag

- a. SFUSS – Emergency Repair (ETC) Tasks completed on time as a Percentage of total ETC per month for the most recent 12 months. Hot and Cold Calls are NOT Included. Due on the 5th of each month.

Goal: 98% of ETC completed on time.

- a. SFUSS – Urgent Repair (UTC) Tasks completed on time as a Percentage of total UTC per month for the most recent 12 months. Due on the 15th of each month.

Goal: 98% of UTC completed on time.

- a. SFUSS – Routine Repair (RTC) Tasks completed on time as a Percentage of total RTC per month for the most recent 12 months. Due on the 5th of each month.

Goal: 95% of RTC completed on time.

8. Availability/Reliability Performance

TBD

B. Directed Services

- 1 BMAR (Cost for this data to be reported as *Total Cost.)

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

a.

BMAR Site	Beginning Total Dollars	Monthly Dollars Added	Monthly Dollars Credited	Ending Balance Dollars	% Change From Last Fiscal Year
JSC					
EF					
SCTF					
Total					

2. Service Orders

a.

Service Orders			Monthly Activity					Contract Year to Date	
LVL	Begin Balance	Ending Balance	Number Ordered	Number Completed	Number Behind Schedule	Number Cancelled	Number Rollover	Number Completed	Number Rollover
1									
2									
3									
4									
5									
6									

b.

Service Order Classification	No. Scheduled for Completion	No. Completed on Schedule
Emergency		
Urgent		
Routine		
Government Specified		

C. Engineering Support Services

C.1 Design - submit every month.

- a. Actual number of designs by construction cost ranges.
- b. Design package delivery by construction cost ranges.
 1. "Stoplight Goal" green for projects delivered above 95% on time.
 2. "Stoplight Goal" yellow for projects delivered between 90% and 95% on time.
 3. "Stoplight Goal" red for projects delivered below 90% on time.
- c. Quality of design -projects with rework (drawing revision) caused by design error/omission.
 1. "Stoplight Goal" green for projects with quality above 95%.
 2. "Stoplight Goal" yellow for projects with quality between 90% and 95%.
 3. "Stoplight Goal" red for projects with quality below 90%.
- d. Statement of Work (SOW) revisions (provide in a 2x3 table)
 1. Number of SOW's revisions caused by:

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

- a. Schedule change
- b. Construction cost change
- 2. Reason for the SOW revision
 - a. Customer scope or schedule change
 - b. Government scope or schedule change
 - c. COSS scope or schedule change
- e. Construction problems (non-design related)
 - 1. Number of construction problems addressed and solved
 - 2. Average construction cost change amount
 - 3. Average construction schedule change amount
 - 4. Percentage of design effort spent solving construction problems
- f. Canceled designs
 - 1. Number of designs canceled
 - 2. Percentage of canceled design cost to completed design cost

C.2 As-Building - submit quarterly.

- a. Number of master facility drawings in CAD Vector format, CAD Raster format, and in hardcopy

D. Environmental

Monthly Metrics

In addition to the metrics specifically identified below, submit 10 monthly metrics for CLINs within Annexes 1 and 9. These ten metrics will be developed in coordination with the Government. These metrics will be indicative of performance schedule (timeliness), and quality of required services for the Environmental Office. These metrics will become a basis for trending areas needing improvement, as well as reflective of the overall performance of the Contractor in the environmental service functions. Some metrics may be added or changed as contract focus is changed before each new performance evaluation period; however, no more than 10 of these additional metrics will be required to be submitted on a monthly basis at any one time. All metrics will be based on data available in existing databases or already required to be collected elsewhere in the contract.

D.1 Pollution Prevention Program

D.1.1 Wastes and Emissions (ISW, Wastewater and Air Emissions) Reduced or Avoided by COSS Contractor. Submit Quarterly by Location (JSC, EF, SCTF).

- a. Specific waste or emission.
- b. Amount in pounds and % (weight) reduced or avoided during the previous quarter, per specific waste or emission and total.
- c. Cost, in \$, avoided or saved by reduction or emission during quarter and projected for 3 years.
- d. Cumulative amount in pounds, %, and cost reduced or avoided in calendar year-to-date. Chart to indicate trending for past 12 month period.
- e. Compare to baseline quantity (previous year). Chart to indicate trending for past 12 month period.

D.1.2 Wastes and Emissions (ISW, Wastewater and Air Emissions) Reduced or Avoided Site-wide.

- a. Specific waste or emission.
- b. Amount in pounds and % (weight) reduced or avoided during the previous quarter, per specific waste or emission and total.
- c. Cost, in \$, avoided or saved by reduction or emission during quarter and projected for 3 years.
- d. Cumulative amount in pounds, %, and cost reduced or avoided in calendar year-to-date. Chart to indicate trending for past 12 month period.
- e. Compare to baseline quantity (previous year). Chart to indicate trending for past 12 month period.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

- a. Schedule change
- b. Construction cost change
- 2. Reason for the SOW revision
 - a. Customer scope or schedule change
 - b. Government scope or schedule change
 - c. COSS scope or schedule change
- e. Construction problems (non-design related)
 - 1. Number of construction problems addressed and solved
 - 2. Average construction cost change amount
 - 3. Average construction schedule change amount
 - 4. Percentage of design effort spent solving construction problems
- f. Canceled designs
 - 1. Number of designs canceled
 - 2. Percentage of canceled design cost to completed design cost

C.2 As-Building - submit quarterly.

- a. Number of master facility drawings in CAD Vector format, CAD Raster format, and in hardcopy

D. Environmental

Monthly Metrics

In addition to the metrics specifically identified below, submit 10 monthly metrics for CLINs within Annexes 1 and 9. These ten metrics will be developed in coordination with the Government. These metrics will be indicative of performance schedule (timeliness), and quality of required services for the Environmental Office. These metrics will become a basis for trending areas needing improvement, as well as reflective of the overall performance of the Contractor in the environmental service functions. Some metrics may be added or changed as contract focus is changed before each new performance evaluation period; however, no more than 10 of these additional metrics will be required to be submitted on a monthly basis at any one time. All metrics will be based on data available in existing databases or already required to be collected elsewhere in the contract.

D.1 Pollution Prevention Program

D.1.1 Wastes and Emissions (ISW, Wastewater and Air Emissions) Reduced or Avoided by COSS Contractor. Submit Quarterly by Location (JSC, EF, SCTF).

- a. Specific waste or emission.
- b. Amount in pounds and % (weight) reduced or avoided during the previous quarter, per specific waste or emission and total.
- c. Cost, in \$, avoided or saved by reduction or emission during quarter and projected for 3 years.
- d. Cumulative amount in pounds, %, and cost reduced or avoided in calendar year-to-date. Chart to indicate trending for past 12 month period.
- e. Compare to baseline quantity (previous year). Chart to indicate trending for past 12 month period.

D.1.2 Wastes and Emissions (ISW, Wastewater and Air Emissions) Reduced or Avoided Site-wide.

- a. Specific waste or emission.
- b. Amount in pounds and % (weight) reduced or avoided during the previous quarter, per specific waste or emission and total.
- c. Cost, in \$, avoided or saved by reduction or emission during quarter and projected for 3 years.
- d. Cumulative amount in pounds, %, and cost reduced or avoided in calendar year-to-date. Chart to indicate trending for past 12 month period.
- e. Compare to baseline quantity (previous year). Chart to indicate trending for past 12 month period.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

- D.1.3 Percentage of Total ISW generated that was recycled, reused, reclaimed or substituted for new materials or feedstock. Submit Quarterly, except d which is annual.
 - a. % by weight, summed by waste class (Hazardous, Class 1 nonhazardous, Class 2)
 - b. List ISW separately that increase or decrease by 5%.
 - c. Cost savings or avoidance, in \$, during quarter and annually for last quarter of the year report. Chart to indicate trending for past 12 month period.
 - d. Compare to baseline years (calendar year 2000, or year set by JSC Environmental TMR, and the previous year). Chart to indicate trending for past 12 month period.
- D.1.4 Trash Diverted from Landfill. Submit Monthly except e, which is annually.
 - a. % total trash diverted from landfill (by recycling or other means), for month and fiscal year-to-date.
 - b. Amount in pounds of each recycled item by weight and cost savings and cost avoidance. Chart to indicate trending for past 12 month period.
 - c. Total amount in pounds sent to landfill for month and fiscal year-to-date.
 - d. Cost of landfilling identified in c for month and fiscal year-to-date.
 - e. Compare a, b, c. and d to baseline year (fiscal year 2001 or year set by JSC Environmental TMR). Chart to indicate trending for past 12 month period.
- D.1.5 Pollution Prevention Opportunity Assessments. Submit quarterly.
 - a. Number of PPOAs conducted in quarter and calendar year-to-date.
 - b. Number of PPOs implemented in quarter and calendar year-to-date.
 - c. Projected source reduction or minimization, in pounds by media (i.e., air, ISW, wastewater, water conservation) actual, if available or projected for next 3 years for each. Chart to indicate trending for past 12 month period.
 - d. Projected cost savings and cost avoidance, in \$, projected annually for 3 years, for each PPO implemented. Chart to indicate trending for past 12 month period.
 - e. Total of source reduction or minimization, in pounds, and cost savings summed for all PPOs implemented for quarter and calendar year-to-date. Chart to indicate trending for past 12 month period.
- D.2 Affirmative Procurement.
- D.2.1 Affirmative Procurement for COSS Purchases. Submit quarterly for a and b, annually for c.
 - a. % of each EPA designated item purchased with recycled content for quarter and fiscal year-to-date.
 - b. Number of waivers requested and number granted for quarter and fiscal year-to-date.
 - c. Compare percentages for each EPA designated item to previous year and baseline year (fiscal year 02 or year set by JSC Environmental TMR. Chart to indicate indicate trending for past 12 month period.
- D.3 Spills and Releases
- D.3.1 COSS Spills and Releases. Submit monthly.
 - a. Number of spills or releases and quantity in pounds due to COSS activities, for month and calendar year-to-date. Chart to indicate trending for past 12 month period.
 - b. Number of spills or releases due to COSS activities required to be reported to regulatory agencies, for month and calendar year-to-date. Chart to indicate trending for past 12 month period.
 - c. Compare number and quantity of spills and releases to previous calendar year. Chart to indicate annual trending.
- D.3.2 Site-wide Spills and Releases. Submit monthly.
 - a. Number and quantity in pounds of all spills and releases, for month and calendar year-to-date. Chart to indicate trending for past 12 month period.
 - b. Number of spills and releases requiring notification to regulatory agency, for month and calendar year-to-date.
 - c. Compare number and quantity of spills and releases to previous calendar year. Chart to indicate trending for each COSS contract year.
- D.4 Life Cycle Costing. Report monthly.
 - a. Total number of COSS designs completed.
 - b. Total number of above COSS designs incorporating life cycle costing evaluation (must include resource conservation and environmental costs to be counted as including life cycle costing),

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

- per month and calendar year-to-date. Chart to indicate trending for past 12 month period.
- D.5 Environmental Training. Submit monthly.
- Number of individuals receiving environmental training (site-wide) by class name (e.g., environmental awareness, storm water pollution prevention, EMS auditor training) and by number of civil servants and number of contractors per class, per month and calendar year-to-date.
 - Percentage of persons trained compared to targeted required training spelled out in environmental training plan, by type of training. Chart to indicate trending over all COSS contract years.
- D.6 Accuracy of Environmental Reports. Submit monthly.
- Number of environmental reports and submittals, monthly and calendar year-to-date.
 - Number of environmental reports and submittals returned to COSS Contractor by JSC Environmental TMR for corrections. Chart a and b to indicate trending for past 12 month period.
- D.7 Groundwater Treatment Metrics. Develop and submit monthly metrics in database with charts that summarize the operations of the Groundwater Treatment System and includes the following:
- Volume of groundwater removed per well by month and year-to-date.
 - Volume of groundwater treated in the air stripping systems by month and year-to-date.
 - Quantity of waste generated, disposed of or reclaimed by type per month and year-to-date, for example carbon filter waste, waste from cleaning the system.
 - Number of days and the dates the system was non-operational including reason codes for down time.
 - Date the system was put back in service. Include a description of each maintenance activity performed and a list of all materials used and equipment installed and/or repaired.
- D.8 Waste Treatment System Metrics. Develop and submit monthly metrics in database with charts that summarize the operations of the Waste Treatment systems and includes the following by treatment system:
- Total number of gallons transferred to the Memtek System.
 - Total number of gallons actually treated in the Memtek System.
 - Total number of gallons transferred to another waste tank by tank name and unit number.
 - The number of gallons remaining in rinse tank after each batch.
 - The flow rates through each tank.
 - The number of gallons discharged to the sanitary sewer.
 - The date and the quantity of waste generated in the filter press.
 - The date and the quantity of waste removed from the filter press.
- D.9 Tank Cleaning Metrics. Develop and submit metrics in a database with charts that summarize the ISW tank cleaning operations:
- The volume of water generated, by tank and waste code, during each tank cleaning event.
 - The total volume of waste for each tank cleaning event totaled by building.

III Logistics Division Metrics

A. Monthly Metrics

Submit monthly metrics for CLINs in Annexes 10, 11, 12 and 14 (Supply, Property Accountability, Transportation and Custodial). Ten metrics similar to the following examples will be developed in coordination with the Government. These metrics will be indicative of performance schedule (timeliness), and quality of required services for the Logistics Division. These metrics will become a basis for trending areas needing improvement, as well as reflective of the overall performance of the Contractor in the logistics functions. Some metrics may be added or changed as contract focus is changed before each new performance evaluation period; however, no more than 10 will be required to be submitted on a monthly basis at any one time. All metrics will be based on data available in existing databases or already required to be collected elsewhere in the contract.

Deleted: through

The following two sample metric sheets are indicative of the types of material that will be shown in Logistics required metrics. It does not show the format which is shown in IV B Sample Metric at the end of

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

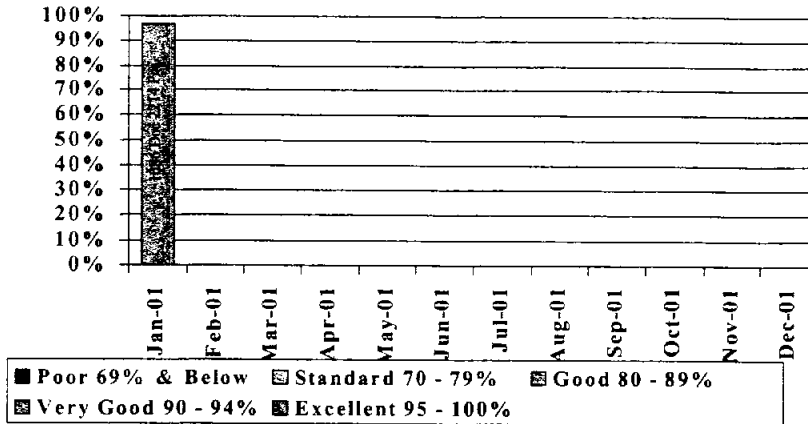
this DRD.

- Center Operations Director Metrics (JA)

Chart Owner: Last Update:

Metrics Summary: Process Excess Property (CLIN _____).
Contract Standard - __ days

Pick-up Excess Property & Deliver to R&U Warehouse

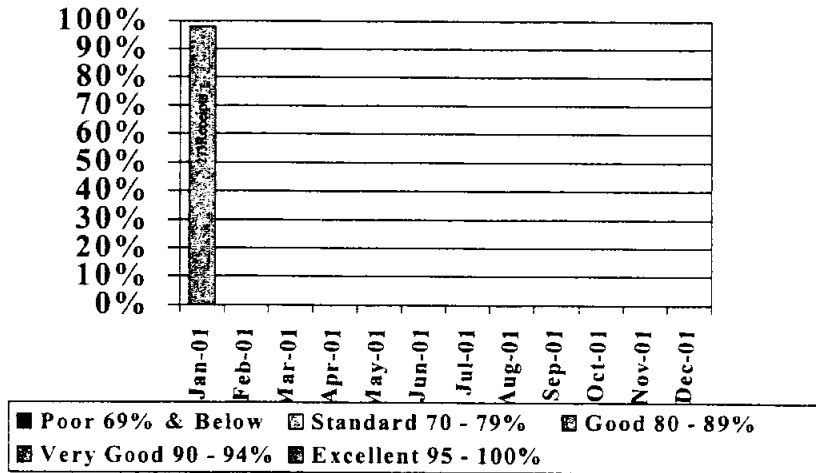


- Center Operations Director Metrics (JA)

Chart Owner: Last Update:

Metrics Summary: Receive Inbound Freight (CLIN _____). Contract Standard - 1 day

Receipts Inspected & Delivered



JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

IV Metric Format Requirement

A. Guidelines For COSS METRICS (CM)

Chart Content/Format

Each chart must contain the following contents: (see-attached example 5.3, Engineering Designs)

- ◊ Top, left justified: Chart number and Chart title (Organization Code) CLIN: 5.3 – Engineering Design
- ◊ Top right: "Stoplight goal" e.g. R (red), Y (yellow), G (green) Format: (example) 95% and above is green, 90% - 95% is yellow, and below 90% is red.
- ◊ Below title, upper right corner: "Last Updated:" and date - Format: Last Update: 2/28/01
- ◊ Below title, upper left corner: Name of Chart Owner, Phone Number of Chart Owner
Format: Chart Owner: Byron Winters, 33182
- ◊ Separation line below all of the above heading information and above the chart contents
- ◊ Below this separation line, place a short chart summary statement
Format: Metrics Summary: This metric shows final design packages were consistently delivered on time. Design quality is good. Provide designs in this period accurate and on time.
- ◊ Bottom left: Metric URL
Format: Website Location:

◆ Chart Style

Each chart must follow the following style:

- ◊ Font: Times New Roman
- ◊ Font Size: Must be readable on the website
- ◊ Background: White

◆ Sample Chart

◆ File Types & Versions

Each chart must be of one of the following file types:

- ◊ Hyper Text Markup Language (.htm, .html)
- ◊ Word (.doc) – JSC Site Standard i.e.: Word 95
- ◊ Excel (.xls) – JSC Site Standard, i.e.: Excel 95
- ◊ Powerpoint (.ppt) – JSC Site Standard, i.e.: Powerpoint 95
- ◊ Adobe Acrobat Reader (.pdf)
- ◊ Do Not Use: Project, Cricket – Non-JSC Standard Load Software

◆ Graphics

Each chart should use the following file types:

- ◊ .gif
- ◊ .jpg
- ◊ Avoid using: .tif, .bmp – if large in size

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

B. Sample Metric

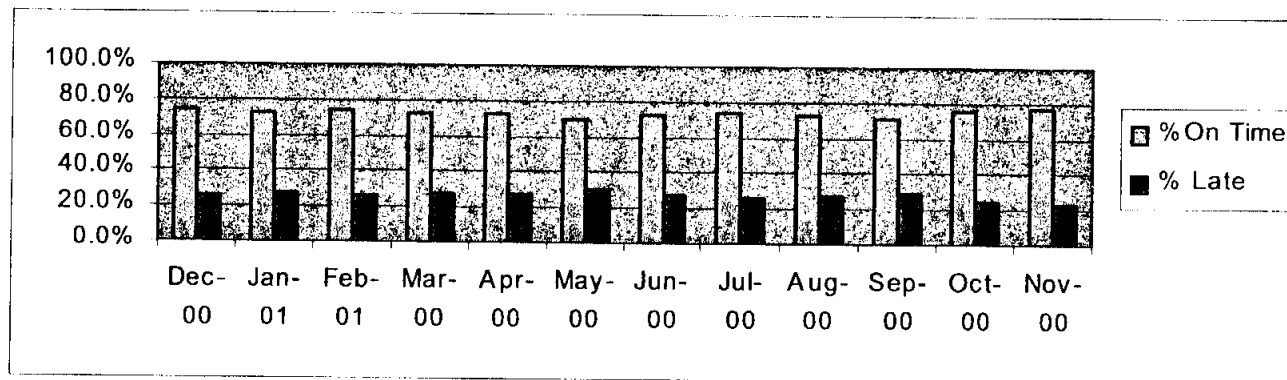
5.3 - Engineering Designs (JA)

Chart Owner: JC/Byron Winters, 33182

Last Update: 2/28/01



Metrics Summary: This metric shows final design packages were consistently delivered on time during this reporting period. The Goal is to maintain late designs under 30%. (This metric example does not constitute any contractual requirements)



	Dec-00	Jan-01	Feb-01	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00	Oct-00	Nov-00
% On Time	74.6%	73.1%	74.5%	73.0%	72.5%	69.8%	72.7%	74.0%	72.1%	71.5%	75.5%	77.0%
% Late	25.4%	26.9%	25.5%	27.0%	27.5%	30.2%	27.3%	26.0%	27.9%	28.5%	24.5%	23.0%

Website Location: http://metrics/organizations/Ja/metrics_data/COD_CD_Metrics/5.3 ppt

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line AN-1-11	RFP/Contract No. (Procurement completes) RFP 9-BJ32-T63-0-24P
Notification of Potential Labor Dispute and Contingency Strike Plan			
4. USE (Define need for, intended use of, and/or anticipated results of data)			

The Notification of Potential Labor Dispute and Contingency Strike Plan will be used by the NASA Contracting Officer and the Industrial Labor Relations Office to facilitate the coordination of activities between the Contractor and the affected NASA operational directorates to ensure that necessary steps are taken to prepare for any potential strike situations and to prevent the disruption of work.

5. DRD Category: (check one)	Technical	<input checked="" type="checkbox"/> Administrative	SR&QA
6. References (Optional)		7. Interrelationships (e.g., with other DRDs) (Optional) FAR 52.222.1	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert33]:

DISTRIBUTION: Per Contracting Officer's letter.

INITIAL SUBMISSION: In accordance with 13.1.

SUBMISSION FREQUENCY: As required.

DATA PREPARATION INFORMATION:

SCOPE: A Notification of Potential Labor Dispute must be submitted at the first indication of potential labor unrest which could delay the timely performance of the contract. The Notification shall describe the situation, which has the potential of impacting the contract, and describe the corrective action initiated. A Contingency Strike Plan must be submitted 45 calendar days prior to the expiration of any collective bargaining agreement covering employees working under this contract for the prime and any subcontractors and/or immediately following any indication of potential labor unrest.

APPLICABLE DOCUMENTS: None

CONTENTS: The Notification of Potential Labor Dispute shall describe the situation which has the potential of impacting the timely performance of the contract and describe the corrective action initiated. Notification should be made prior to the expiration of collective bargaining agreements, prior to any significant changes to existing working conditions or pay practices, or any situation that could impact the performance of the contract through labor unrest. The Contingency Strike Plan shall describe the Contractor's plan for assuring the timely performance of the work under this contract during a strike or work stoppage situation. As a minimum, contents should include: information on implementation of the strike plan, a pre-strike checklist for managers and supervisors, a description of how critical work will be performed, phone numbers of key management personnel, and standards of conduct policies during the strike.

FORMAT: Contractor format is acceptable.

MAINTENANCE: Changes shall be incorporated as required by change page or complete reissue.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title Subcontracting Reports	2. Current Version Date	3. DRL Line AN-1-13	RFP/Contract No. (Procurement completes) RFP 9-BJ32-T63-0-24P
----------------------------------------	----------------------------	---------------------------	---------------------------------------------------------------------

4. USE (Define need for, intended use of, and/or anticipated results of data)

To collect subcontract data

5. DRD Category: (check one)	Technical	<input checked="" type="checkbox"/> Administrative	SR&QA
6. References (Optional)	7. Interrelationships (e.g., with other DRDs) (Optional)		

Comment [Insert34]:

8. Preparation Information (Include complete instructions for document preparation)

The Contractor shall utilize Standard Form (SF) 294, Subcontracting Report for Individual Contracts, and SF 295, Summary Subcontractor Report, in accordance with FAR clause 52.219-9 and NASA FAR Supplement 18-52.219-73.

Frequency: Annually by April 1.

Distribution: One electronic copy and one hard copy to CO.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Security Reporting Requirements	2/16/01	AN-1-14	RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) Identifies reporting Security which affect the Contractor's facility and/or personnel and also ensures compliance with applicable NASA and DOD security regulations involving industrial, information, personnel and administrative/program security.			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional)		7. Interrelationships (e.g., with other DRDs) (Optional)	
8. Preparation Information (Include complete instructions for document preparation)			

A. Provide the following information, in writing (reports, letters, notification), in accordance with the security regulations identified as applicable documents in paragraph C. of this DRD:

1. Personnel Security:

- 1.1 Change in an employee's status who is participating in JSC special access programs such as the Information Technology (IT) Security Program (i.e., name, marital status, citizenship, death, termination of employment, different position or work assignment/ relocation, employee becomes a representative of a foreign interest, etc.).
- 1.2 Adverse information reports on all non-US employees and employees participating in the IT programs at JSC (i.e., criminal activity, psychological counseling, positive drug testing results, alcohol abuse/ DUI/DWI, etc.).
- 1.3 Copies of any written reports submitted to the FBI regarding information coming to the Contractor's attention concerning actual, probable, or possible espionage, sabotage, or subversive activities at any of the Contractor's locations.
- 1.4 Any "ACI" (Administratively Controlled Information) and/or "FOUO" (For Official Use Only) information released outside a Contractor's facility, except to NASA representatives.
- 1.5 Suspicious contacts -- efforts by any individual to obtain illegal or unauthorized access to export controlled data, and all contacts by employees with JSC special program access with known or suspected intelligence officers from any country, or any contact which suggests that the employees concerned may be the target of an attempted exploitation by the intelligence services of another country.

2. Administrative/Physical Security:

In compliance with established internal procedures, the Contractor FSO or security manager shall submit a "Contractor Termination Letter" to the JSC Security Office for each affected employee which includes the return of the referenced property or certification that the following Government property was returned or destroyed and/or program participation was canceled:

- 2.1 Badge(s)
- 2.2 CAA (Controlled Access Area) Card(s)
- 2.3 Decal(s)
- 2.4 Key(s)
- 2.5 Employee's Participation in Reserved Carpool Program
(Identify reserved carpool space number) _____
3. Other Reportable Incidents (Information Required):

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

-
- 3.1 Felonies committed by Contractor personnel.
 - 3.2 Espionage or Sabotage.
 - 3.3 Bombing incidents at Contractor facilities, or threats which severely impact contract or Center activities.
 - 3.4 Actual demonstrations/strikes (in or outside JSC gates) or planned demonstrations or strikes where violence involving Contractor personnel is threatened.
 - 3.5 Workplace violence (shootings or other violent acts).
 - 3.6 Any type of incident occurring on NASA/JSC property which results in the death of a person.
 - 3.7 Security-related incidents in which the media has become involved and negative publicity is expected.
 - 3.8 An adverse event in an automated systems environment that would be of concern to NASA management due to potential public interest, embarrassment, interruption to computer/network services or protective controls, damage, disaster, discovery of a new vulnerability, etc.
 - 3.9 Threats against NASA property and personnel.
 - 3.10 Threats that impact NASA missions.
 - 3.11 Any other type of incident that might have security implications.
- B. The requested information (reports, letters, notification) identified in A. shall be mailed/delivered to the Chief, JSC Security Office, Mail Code JA14.
 - C. Applicable Documents
 - 1. NPG 1620.1, NASA Security Procedures and Guidelines
 - 2. JSCM 1600D, JSC Security Manual
 - 3. SMD 500-9, Personnel Security Screening

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
Information Technology Security Plan	N/A	AN-1-15	RFP9-BJ32-T63-0-24P
4. Use (Define need for intended use of, and/or anticipated results of data) These plans are to be used to ensure that the implementation or maintenance of Information Technology systems follows Government policies and reduces the vulnerability of the Government to IT security risks.			
5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional)		7. Interrelationships (e.g., with other DRDs) (Optional)	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert35]:

Scope: The purpose of this report is to provide an IT Security Plan that indicates how IT security will be managed for the systems the Contractor will use. It includes all the components that make up the Management Information System and will include all new programs, equipment and functions that are added (see Section J, Attachment K, IT Systems).

Frequency: Plan shall be submitted within 90 days of start of the contract for any systems that tie into or interface with any Government systems. Thereafter it shall be submitted whenever changes are proposed in the IT system that interact in any way with Government IT systems.

Distribution: Electronically.

Format: Follow example in JPG 2810.1, JSC Information Technology Security Handbook.

Details: Detail in the plan all information as called for in JSC Procedures and Guidelines (JPG 2810.1), JSC Information Technology Security Handbook. Things that are addressed in the plan include, but are not limited to, a description of the system change, who will make the changes, the schedule for the changes, a risk assessment of data integrity, who will have access to the data, and other data appropriate to the changes. The plan is considered sensitive and must be protected by the Contractor.

References: JPG 2810.1, JSC Information Technology Security Handbook.

Maintenance: Report is to be reviewed per requirements in JPG 2810.1, JSC Information Technology Security Handbook and updated before system configuration changes.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title Workload Data Collection Report	2. Current Version Date Per RFP	3. DRL Line Item No. AN-1-17	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) To provide workload data collection for all identified work.			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional) None		7. Interrelationships (e.g., with other DRDs) None	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert36]:

Comment [Insert37]:

Comment [Insert38]:

Scope: The purpose of this report is to provide a record of the actual effort expended on the COSS contract. Data for this DRD will be collected at the CLIN level for Maintenance and Repair, Annex 2, as identified in the table below and at the sub annex level for all other Annexes identified in the table. This data will be used to scope the follow-on contract as well as to monitor current contract status.

Frequency: Report shall be submitted by April 20 of each contract year reflecting the data for the previous year.

Distribution: One electronic and one hardcopy to the CO and the Maintenance & Repair *TMR.

Format: The data shall be presented using Microsoft Excel or Access. See the table shown below for format.

Details: Items that are to be included in the report by year are: a) the types of personnel classifications performing the work, b) the number of hours expended by year for each classification, c) the cost of material purchased and subcontract effort to perform the work. The costs shown are to be bare costs only without any markups. Subcontractors/team members that perform continuous annex functions at *JSC during the life of this contract shall also provide the same information (a, b, and c above). All other subcontractors with an intermittent presence at *JSC shall provide cost data only for the Subcontractor / Vender column. In case of any conflict as to whether a contractor has a continuous presence the Contracting Officer will make a determination.

Maintenance: The report shall be reviewed with the Government yearly to determine scope increases or decreases.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

.COSS WORKLOAD DATA

Reporting Category	Personnel Classification	Labor Hours	Materials or Supplies	Subcontracts / Vendors
Annex 1 - Admin Support				
1.2 Work Management and Control				
1.5 Installation - Acct Gvmt Property				
1.6 Quality Control				
1.13 Records, Reports, Submittals				
1.X All Other Annex CLINs				
Annex 2 - Maintenance and Repair				
2.2.2 Scheduled Maintenance				
2.2.3 Equipment Inventories				
2.2.4 Equipment Identification				
2.2.5 Pressure Systems Support				
2.2.6 Light/Lamp Replacement				
2.3.1 Repair Equipment				
2.3.2 NSE Emergency Response				
2.3.3 Critical Spares Management				
2.4 Maintenance Activation Program				
2.5 Warranty Program				
2.6 Availability and Reliability				
2.7 Reliability Centered Maint				
2.9 Records, Reports, Submittals				
2.X All Other Annex CLINs				
Annex 3 - Directed Services				
3.2.1 Surface Painting & Signage				
3.2.3 Special Events				
3.3.2 Facility Condition Assess Program				
3.3.3-9 FCA Inspection				

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

3.5 Records, Reports and Submittals				
3.X All Other Annex CLINs				
Annex 4 - Operations				
4.2.1.1 - 4.2.2.1 - 4.2.3.1 Steam and Condensate Return (include subCLINs)				
4.2.1.2 - 4.2.2.2 - 4.2.3.2 Electrical Systems (include subCLINs)				
4.2.1.3 - 4.2.2.3 - 4.2.3.3 Chilled Water Production & HVAC (include subCLINs)				
4.2.1.4 - 4.2.2.4 - 4.2.3.4 Potable Water (include subCLINs)				
4.2.1.5 - 4.2.2.6 - 4.2.3.5 Compressed Air (include subCLINs)				
4.2.1.6 - 4.2.3.6 OCC and EMCS (include subCLINs)				
4.2.1.7, 4.2.3.8 Fuel System (include subCLINs)				
4.2.2.5 Sanitary Sewer System (include subCLINs)				
4.2.2.7 - 4.2.3.7 Natural Gas (include subCLINs)				
4.2.3.9 Utility Support (include subCLINs)				
4.X All Other Annex CLINs				
Annex 5 - Engineering				
5.2 Scope of Work				
5.3, 5.3.1, 5.4 Eng Des, Fld Des, SSDR				
5.5, 5.6 MFDU / RVR				
5.8 Inspec, Perm, Doc Services				
5.9 Facility Housing Plans				
5.10 Fire Evacuation Plans				
5.11 Real Property Acct				
5.12 SPECINTACT Syst Maint				
5.X All Other Annex CLINs				
Annex 7 - Grounds Maintenance				

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

Annex 7 Total				
Annex 8 - Information Technology				
8.2 Main Frame Appl Support				
8.3 CMMS				
8.4 Environ Management IT Support				
8.5-7 EMCS, Sys Ops/Maint, OSAAC				
8.8 Facility CAD System / Space Util				
8.9 Other Applications				
8.10 NEMS Scanning System				
8.11 IT Security				
8.12 DOC / IT Help Support				
8.13 Records, Reports, Submittals				
8.X All Other Annex CLINs				
Annex 9 - Environmental Program				
9.3 Indust Solid Wst Manag Prog				
9.4 Air Quality Program				
9.5 Water Poll Cntl and Prev Prog				
9.6/7 Lead & Asbestos Program				
9.8 Petro Storage Tank Prog				
9.9 Groundwater Prot Prog				
9.10 Emer Spill Response				
9.11 Poll Prev and Resource Conserv				
9.12 Comm., Train., and Partic in WG				
9.13 Environ Mgmt System				
9.14 Toxic Substances Cntl Act				
9.16 Records, Reports, Submittals				
9.X All Other Annex CLINs				
Annex 10 - Supply				
10.2 Supply Systems				

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

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10.3 Office Furnishings				
10.4 Radio Comm				
10.X All Other Annex CLINs				
Annex 11 -Property and Equipment				
11.2 NEMS Accountability				
11.3 Customer Service				
11.4 Redist and Util Ops				
11.X All Other Annex CLINs				
Annex 12 -Transportation				
12.2 Moving and Hauling Services				
12.3 Packing and Shipping				
12.4 Rigging and Heavy Hauling Serv				
12.5 Driver Services and Vehicle Ops				
12.6 Receive/Deliver Inbound Freight				
12.X All Other Annex CLINs				
Annex 14 - Custodial				
Annex 14 Total				

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title Fixed Price Award Proposal	2. Current Version Date Per RFP	3. DRL Line Item No. AN-1-18	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) To provide the Government a proposal to convert all or part of the COSS contract to firm fixed price.			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional) None		7. Interrelationships (e.g., with other DRDs) None	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert39]:

Comment [Insert40]:

Comment [Insert41]:

Scope:

The proposal shall:

- Identify the portions of the statement of work proposed for conversion to firm fixed price. The proposal shall provide a clear rationale for each portion selected for conversion.
- Address any possible impacts to technical performance during the conversion and offer solutions to minimize those impacts.
- Identify and fully explain any terms and conditions of the converted contract.
- Provide a full, fixed price proposal for the work being converted. The proposal shall also provide all supporting cost data so the government can fully understand the composition of the price proposal.

Frequency:

One proposal shall be provided by the end of the first month in the third contract year.

Distribution / Format:

The proposal distribution (two electronic and six hardcopies) and format shall be per direction by the Contracting Officer.

Details:

The specifics of the proposal contents shall be identified by the CO six months prior to submittal.

References:

N/A

Maintenance:

N/A

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title NF533 Cost and Data Reporting	2. Current Version Date July 19, 2001	3. DRL Line Item No. AN-1-19	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) To collect costs and workload data for all contract work.			
5. DRD Category: (check one) <input type="checkbox"/> Tech <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional) None		7. Interrelationships (e.g., with other DRDs) (Optional) None	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert42]:

Comment [Insert43]:

Comment [Insert44]:

Scope:

The NASA Form 533 (NF533) reports provide data necessary for the following:

1. Projecting costs and hours to ensure that dollar and labor resources realistically support project and program schedules.
2. Evaluating contractors' actual cost and fee data in relation to negotiated contract value, estimated costs, and budget forecast data.
3. Planning, monitoring, and controlling project and program resource
4. Accruing cost in NASA's accounting system, providing program and functional management information, and resulting in liabilities reflected on the financial statements.

Cost is a financial measurement of resources used in accomplishing a specified purpose, such as performing a service, carrying out an activity, acquiring an asset, or completing a unit of work or project.

****NASA Contractor Financial Management Reporting, NASA Procedures and Guidelines (NPG) 9501.2C**, or its most current revision, identifies the cost reporting requirements for a contract.

The NF533 reports are the official cost documents used at NASA for cost type, price re-determination, and fixed price incentive contracts. The data contained in the reports shall be auditable using Generally Accepted Accounting Principles. Supplemental cost reports submitted in addition to the NF533 shall be reconcilable to the NF533.

Uncompensated overtime hours worked should be reported on NF533 reports as a separate line item or in the footnotes.

For contracts, which have multiple schedules, a summary NF533 is required to provide a cumulative from inception cost for the contract, regardless of schedule.

Frequency:

The due dates for the NF533M and NF533Q reports are outlined on page 3-2 of the NPG 9501.2C. The following is a summary of the NF533 due date requirements.

NF533M Due not later than 10 working days following the close of the contractor's monthly accounting period.

NF533Q Due not later than the 15th day of the month preceding the quarter being reported.

The due dates reflect the date the NF533 reports are received by personnel on the distribution list, not the date the reports are generated or mailed by the contractor. It is critical that the NF533 reports are submitted in a timely manner to ensure adequate time for NASA to analyze and record the cost into the

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

NASA accounting system. All data should be provided electronically in Microsoft Excel format. Timeliness shall be determined by the time the electronic submission arrives at the Cost Accounting Office, however, at least one signed hardcopy submission shall still be required.

Distribution:

LF6 Cost Accounting (1 electronic copy and 1 hard copy with signature)
BJ Contracting Officer (1 electronic copy and 1 hard copy)
LI3 Budget/Program Analyst (1 electronic copy and 1 hard copy)
JA Technical (1 electronic copy and 1 hard copy)

Format:

The reporting requirements outlined in this DRD shall include the following deliverables found in Section J, Attachment H:

- A) NF533M and Q roll up summary for the entire contract (Exhibit H-1)
- B) NF533M and Q subtotal breakout by annex (Exhibit H-2)
- C) Supplemental report breakout by identified key contract line items (CLIN) (Exhibit H-3)
- D) Supplemental report showing cost by task/delivery order for Annex 6 and Annex 13 (Exhibit H-4)
- E) Supplemental report showing workload metrics by CLIN (Exhibit H-5)

The NF533M forms are shown in the above exhibits and the NF533Q forms can be found in ****NASA Contractor Financial Management Reporting, NASA Procedures and Guidelines (NPG) 9501.2C.**

The attached sample formats, Exhibits H-1 to H-5 are examples of the proposed structure and format of the NF533 for this contract and are intended to closely though not exactly represent the final version. See sample NF533 formats for this contract in Section J, Attachment H, including reporting data in both fiscal year and contract year.

Details:

Accrual Methodologies

NASA is required by law to maintain accrual accounting, which requires cost to be reported in the period in which benefits are received, without regard to time of payment. This contract shall reflect different methodologies for reporting costs on the NF533 document. This is due to the distinctly different types of work authorized / contract fee type earned. All costs shall be reported through the NF533, whether fixed price or cost reimbursable in nature.

If required, subcontractor cost should be reported based on the same methodologies as the prime.

A) For Base Contract Statement of Work:

Firm Fixed Price Annexes 7 and 14 (Grounds and Custodial)

The accrual methodology for these annexes shall be set according to the fixed price of the entire annex, divided equally by the months during the period of performance. So, a 2 year fixed priced annex would report cost based on a twenty four -month reporting period, showing equal costs (1/24) in each month reported or estimated.

CPAF Annexes (Annexes 1,2,3,4,5,8,9,10,11,12)

The accrual methodology for these annexes shall be based on the actual costs incurred to date as of the month reported, along with an estimate for the listed future periods. This is more traditional "cost plus"

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

reporting. The information below, extracted from the NPG 9501.2C, indicates the appropriate accrual methodologies for specific elements of cost.

Cost Element

Labor

Reported to NASA as hours are incurred.

Equipment & Materials

Generally reported to NASA when received and accepted by the (commercial off the shelf) contractor.

Manufactured Equipment

Defined as any equipment that is produced to specific requirements that make it useless to anyone else without rework. Cost should be reported to NASA as the equipment is being manufactured. The straight-line method for estimating accrued costs or the use of supplemental information obtained from the vendor are acceptable methods used to calculate the cost accrual amount.

Leases

Reported to NASA using a proration over the life of the lease.

Travel

Reported to NASA as costs are incurred.

Subcontracts

Actual and estimated costs reported by prime contractors shall include subcontractors' incurred costs for the same accounting period. Where subcontract costs are material, they should be separately identified on NF533 reports. The prime contractor shall include in the total cost of each subdivision of work the accrued cost (including fee, if any) of related subcontractor effort. Subcontractors should, therefore, be required to report cost to the prime contractor, using the accrual method of accounting. If the G&A and fee reported by a subcontractor are at the total subcontractor level, these costs shall be allocated to specific sub-divisions of work. Data submitted by the subcontractor should be structured similar to the prime contractor's NF533 to enable the prime contractor to properly report to NASA. For Firm Fixed Price subcontracts with a contract value greater than \$500,000, the prime contractor is required to document the methodology used to generate the sub-contractor costs reported and provide this information to the Contracting Officer and Center Deputy Chief Financial Officer (Finance).

Unfilled Orders

Reported as the difference between the cumulative cost incurred to date and amounts obligated to suppliers and subcontractors.

Fee

Should be accrued as earned using a consistent and auditable method to determine the amount. For example: an acceptable method would be to use historical data to determine the amount to accrue each month. Fee should be reported on the NF533 following the "Total Cost" line. Award fee shall be reported by the following categories: Base Fee, Fee Earned, Interim Fee, Provisional Fee, Potential Additional Fee, and Total Fee. If any of the above fee categories do not pertain, they should not be included in the NF533.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

Prompt Payment Discounts

Cumulative cost reported to NASA should be the full-incurred cost. The prompt payment discount amount taken should be reported as a separate line item on the NF533 below the cumulative cost amounts for the contract.

B) For Indefinite Delivery / Indefinite Quantity (IDIQ) work:

Firm fixed Price IDIQ (Annex 6)

The accrual methodology for this annex shall be identified according to the individual delivery order instructions. The cost reported on the NF533 shall be based upon either: 1) cost at completion (therefore, there shall be no cost reported prior to the actual completion and Government acceptance of the job), or 2) as work in process as identified on each delivery order for some types of work, (therefore getting partial credit for percentage complete prior to 100% completion of task).

In addition to the contract and annex level reporting required in Exhibits H-1 to H-3, detailed reporting by delivery order shall be required (Exhibit H-4).

CPAF IDIQ (Annex 13)

The accrual methodology for this annex shall be based on actual cumulative costs incurred to date as of the month reported, along with an estimate for the listed future periods. This is more traditional "cost reimbursable" reporting. Additional direction may be found on the delivery order itself.

In addition to the contract and annex level reporting required in Exhibits H-1 to H-3, detailed reporting by delivery order shall be required (Exhibit H-4).

Workload Reporting

The contractor shall provide a monthly report with workload performance metrics by CLIN. The monthly report shall be due on the same date as the NF533, and shall reflect the same period of performance. Workload metrics shall be provided for each CLIN, and shall be subtotaled at a level that is consistent with the cost reporting at the sub-annex level. A sample format is attached for reference (Exhibit H-5).

Baseline NF533

An initial NF533 report is required in the NF533Q format to be used as a baseline for the life of the contract. The initial (baseline) NF533Q report shall be submitted by the contractor within 30 days after authorization to proceed has been granted. The initial report shall reflect the original contract value detailed by negotiated reporting categories and shall be the original contract baseline plan. In addition to the initial (baseline) report, monthly NF533 reporting shall begin no later than 30 days after the incurrence of cost.

Column 7b (planned cost incurred/hours worked for the month) and 7d (cumulative planned cost incurred/hours worked) of the NF533M (Exhibits H-1 and H-2) represent the negotiated baseline plan for the contract. There may not be a relationship between the estimates provided in columns 8 of the NF533M to columns 7b and 7d. Columns 7b and 7d represent the legally binding contract negotiated baseline plan plus all authorized changes.

Short and long-term cost estimates, which include all data entered in columns 8 and 9a on the NF533M and NF533Q reports, shall be based on the most current and reliable information available. For Exhibit H-3, the annual funding limit (Column 8e) shall reflect the results of the annual budget and content planning process described in annex 1 and any subsequent changes throughout the fiscal year.

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Prior period cost adjustments should be reported in column 7a and 7c of NF533M and column 7a of the NF533Q with a footnote discussing the reasons for and amounts of the adjustments

Monthly NF533 reporting is no longer required once the contract is physically complete, provided the final cost report includes actual cost only (no estimates or forecasts). The contractor shall continue to submit monthly NF533 reports as long as estimates for the following period are included. If the final cost of a contract changes after the submission of the "final" contractor cost report, the contractor shall submit a revised NF533 report in the month the cost change is recognized.

References:

****NASA Contractor Financial Management Reporting, NASA Procedures and Guidelines (NPG) 9501.2C**

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title Annual Facility Condition Assessment Report	2. Current Version Date 2000	3. DRL Line AN-3-1	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) The Annual Facility Condition Assessment Report provides NASA Headquarters reporting data on the state of repair of the JSC site physical plant.			
5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional)		7. Interrelationships	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert45]:

Scope: Facility Condition Assessment Report.

Frequency: Annually in September of each year.

Distribution: One hard copy and one electronic copy to the JSC Planning Integration Office

Details: Annual Facility Condition Assessment Report.

The Contractor shall provide an Annual Facilities Condition Assessment Report in September of each year.

The report shall contain the type of information exemplified in ****Facility Condition Assessment Report** (copy in the TRL). This information is generally described below. Information in bold is new information needed in addition to what is shown in the TRL.

This includes but is not limited to:

- Report Summary
 - 1) Summary cost report by discipline
 - 2) Summary cost report by component
- Reports Generated by Building
 - 1) Cost vs. current replacement value by building.
 - 2) Cost report by building and by year inspected. (5 years and total)
 - 3) Cost report by building and by discipline. (summary)
 - 4) Backlog of Maintenance and Repair and other calculations or data required by NPG8831.2C.

Detailed Report

- 1) Provide for each facility inspection a facility narrative that contains the building description, and outlines Structural, Electrical, Mechanical, and other deficiencies.
- 2) Provide a photograph of the facility.
- 3) Provide a facility craft cost summary.
- 4) Provide a facility system cost summary.
- 5) Provide a facility deficiency detail list.
- 6) Provide the equipment operational status.
- 7) Provide the equipment installation date.
- 8) Provide information on equipment obsolescence.
- 9) If the equipment was replaced through a project, provide the project number.
Information for items description shall include equipment ID, equipment number, year for scheduled work, inspection year, priority and labor, and material and total cost to perform the work.
- 10) For equipment that is identified for replacement, the description shall provide information on the reason for the needed replacement. (Ex. Parts no longer available, unit is corroded beyond repair, etc.)

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

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- 11) Provide photographs of equipment scheduled for replacement when those pictures would help support the replacement description.

The detailed report shall include information from previous years inspections to include a total report for all facilities.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current	3. DRL	RFP/Contract No.
Water Utility Report	Version Date 1/30/01	Line AN-4-1	(Procurement completes) RFP9-BJ32-T63-0-24P

4. Use (Define need for, intended use of, and/or anticipated results of data)

This report will provide the Government with the information needed to initiate TNRCC required reports and documentation and to assess the operability of the water utility system.

5. DRD Category: (check one) ☒ Technical ☐ Administrative ☐ SR&QA

6. References (Optional)

7. Interrelationships

Comment [Insert46]:

8. Preparation Information (Include complete instructions for document preparation)

Scope: The purpose of this report is to document all information associated with the water plant and distribution system.

Frequency: Monthly.

Distribution: One electronic copy to the CO.

Details: Water Utility Report.

This report shall document all the information associated with the water plant and distribution system. The report shall summarize activities from the water operators log. It shall include meter readings, log information, inspection information, chemical treatment records, and sample analysis. It shall include copies of all flushing logs as required by the approved flushing program. Any new water connections/disconnections shall be noted along with all system outages and any significant maintenance activities. The report shall note all inspections and information associated with meeting the requirements of TNRCC Chapter 290 Rules and Regulations for Public Water Systems. Submit one electronic copy of the report to the CO by the 10th of each month for the previous month's activity.

References: None.

Maintenance: Monthly report and data used to generate the report shall be archived by the Contractor.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title Mission Readiness Plan	2. Current Version Date None	3. DRL Line AN-4-2	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) This plan defines the work effort allowed and necessary and the controls put in place to assure compliance with NASA requirements.			
5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional) See TRL references below		7. Interrelationships (e.g., with other DRDs) (Optional) See Annex 4	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert47]:

Comment [Insert48]:

Provide a Contractors Mission Readiness Plan that spells out the functions (pre-mission, during mission, and post mission), buildings, support requirements, personnel, and operational plans that will be used to provide day-to-day and emergency support to the Shuttle flight program. The plan shall be submitted to NASA for approval 60 days from award of contract. The plan shall include operating policies for mission support, listings of facilities requiring special attention, Contractor functional interfaces, mission staffing support, and activity task lists. The plan will define the general operating policies and supporting plans of the COSS, the implementation and management of the general operating procedures and supporting plans and tasks for Mission Readiness. The plan shall address the period from 30 days prior to launch to 1 day after landing (T-30 to L+1). For Shuttle Flights, the critical period requiring Mission Exceptions is defined as T-7 to L+0. The plan shall include all reference documents, quality records, Operations Directives, general operating procedures, and standing operating procedures.

Purpose: The Mission Readiness Plan shall include a general statement as to the purpose of the plan to define support services of the COSS Contractor for Mission Support.

Scope: The Mission Readiness Plan shall address all support services and individual operating policies within the functional responsibility of the COSS including Maintenance, Operation, Construction, Procurement, Logistics, Environmental, and Grounds.

Policy and Plan Content: The Mission Readiness Plan shall also include the General Maintenance and Operations Policy. As a minimum, the Mission Readiness Plan shall detail the following:

1. Prime and backup utilities to include Buildings 24, 28, and 48/30M. For planning purposes the Mission Control Center Complex is defined as the mission operation wings of 30M and 30S.
2. All operating procedures, Mission Readiness Checklists, and Mission Rules.
3. Representatives for all Mission readiness meetings defined in Annex 4.
4. Maintenance of all mission related correspondence and documentation.
5. Staffing, Manning, and Leave coordination during T-30 to L+1. Explain how the Plant Operations Engineers for each shuttle mission are to be scheduled for rotating shift work and tour of duty from T-14 to L+4 (required per the COD Space Shuttle Mission Support Plan).
6. Normal Equipment configuration.
7. Configuration adjustments to accommodate the JSC Hurricane/Severe Weather Plan.
8. Health Stabilization support to be provided in accordance with the JSC Flight Crew Health Stabilization Program (FCHSP) from T-14 through crew departure.
9. Review and maintenance of mission critical spares.
10. Procurement activities to ensure that the mission critical support requirements are met. Explain how your organization will ensure mission critical parts required for preventive maintenance and repairs are met. This explanation shall include expediting actions to ensure timely purchase, delivery, and receipt.
11. A complete listing of Mission Critical/Sensitive Buildings. (See ****STS Fact Sheet** in the TRL).

The General Operating Policy shall include the Management responsibilities specific to Mission Support for the Project Manager, Division Managers, Work Control Supervisors, Craft Superintendents, Plant

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

Operations Engineers, Operators, and craft personnel. Individual Operating Policies for Maintenance, Operations, and Construction shall be incorporated into the General Operating Philosophy and shall include the following:

1. **Maintenance Operating Policy:** Identify the review process and supervisory control of maintenance activities for daily maintenance activities scheduled before and during the mission period. Control of maintenance activities shall include a daily review of all tasks performed by the Contractor in mission critical areas or areas which could potentially interrupt utility services to mission critical areas.
2. **Operations Policy:** Identify training requirements of both Operations Engineers and Operators for the Mission Control Center and Power Plant. Indicate how the COSS will monitor and control the utility systems in Buildings 30M and 30S and coordinate with the Operators. Detail the startups and shutdown restrictions and coordination requirements. Explain how you will monitor and control restricted operations. Restricted operations will include identification of large motor startups and high voltage switching activities at a minimum.
3. **Construction Operating Policy:** Explain how you will notify, monitor, inspect, and control all construction activities within mission periods. All on-site construction support and sub-contractors must be included in the Operating Policy. Restrictions for construction activity shall be detailed, and include the minimum restrictions in accordance with the ****STS Fact Sheet**. Policy shall address excavation, boring, and lifting activities.

Maintenance: The plan shall be updated at least once per year or more often if flight support requirements change.

See **** "Center Operations Space Shuttle Mission Support Plan"** dated June, 2000, for items that need to be in the Mission Readiness Plan called for in this DRD. The plan shall include the activities, functions, assignments, and action items listed in the plan as well as any new items based on future facility changes or COSS contract requirements.

See **** "Memorandum of Understanding and Standard Interface Plan Between Center Operations Directorate and Mission Operations Directorate"** dated March 19, 2001 in the delineation of responsibilities, procedures, and working relationships between COD and MOD relative to the various services provided by COD. See ****Mission Readiness Plan for Space Shuttle BRSP Work Method**, WM-2200-003 dated January 1, 2000.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date	3. DRL Line	RFP/Contract No. (Procurement completes)
JSC, Ellington Field, and Sonny Carter Training Facility Fire Hydrant and Flushing Plan	1/30/01	AN-4-3	RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) This plan will be used to document the TNRCC required flushing and sampling program.			
5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional)		7. Interrelationships	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert49]:

Scope: The purpose of this report is to identify the fire hydrants and buildings which shall be flushed and to establish a schedule and flushing criteria.

Frequency: Initial plan shall be submitted within 30 days of contract start. Subsequent plans shall be submitted within 15 days of a plan update.

Distribution: One hard copy and one electronic copy to the CO.

Details:

This plan shall identify the fire hydrants and buildings which will be flushed to meet TNRCC Chapter 290 Rules and Regulations for Public Water Systems established criteria for flushing of water distribution systems. This includes the flushing of all dead end lines monthly and flushing of the system as needed to keep the required total chlorine residual. The plan for the JSC distribution system shall provide for chlorine levels which exceed TNRCC Regulations. A minimum chlorine residual of 2.0 total chlorine in all points of the distribution system and 1.0 total chlorine in the buildings shall be maintained at JSC. Levels at Ellington Field and Sonny Carter Training Facility shall meet TNRCC standards. It shall also include sampling of chlorine residuals to document required sampling locations for the monthly operational report. Operational prints, master utility plans, the existing flushing program, and PM's are available for reference. The plan shall incorporate American Water Works Association recommendations for implementation and optimization of distribution flushing programs.

The plan shall include the schedule and location to be flushed, and shall encompass daily, weekly, and long term flushing requirements. It shall include the development of log sheets to be used for daily activities which will provide for the chlorine residual analysis to be documented, along with the dates, times, and locations flushed.

References:

Maintenance: Maintain and update plan annually. Initial plan shall be updated within 30 days after system configuration changes with subsequent plans submitted within 15 days of a plan change.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	Current Version	DRL Line	RFP/Contract No.
O&M Manuals for Water Supply Systems at JSC and Ellington Field	Date 1/30/01	Item No. AN-4-4	(Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data) These manuals serve as operational guidelines, documentation, and instruction for operation of the water distribution system.			
5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional)		7. Interrelationships	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert50]:

Scope: The purpose of this report is to establish the requirement for maintaining up-to-date O&M manuals for the Water Supply Systems at JSC and Ellington Field.

Frequency: Initial manuals to be updated and submitted within 90 days of contract start. Updates to be completed and incorporated within 15 days of field change or system modification. Update all major system changes within 90 days.

Distribution: One hard copy and one electronic copy to the CO upon each update.

Details: There are currently three volumes of ****Operational and Maintenance Manuals for the Water Supply System at JSC and Ellington Field, Part I, Part II, and Part III.** All information in the manuals shall be kept up-to-date to reflect the most current operational conditions, operational procedures, and equipment.

References: None.

Maintenance: O&M manuals to be electronically developed and maintained.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title EMCS Alarm Management Plan	2. Current Version Date 5/23/96	3. DRL Line AN-4-5	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
4. Use (Define need for, intended use of, and/or anticipated results of data)			
5. DRD Category: (check one) <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional)		7. Interrelationships (e.g., with other DRDs) (Optional)	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert51]:

The purpose of this plan will be to define the responsibilities and actions of the Contractor required to identify new actions and to maintain a manageable EMCS alarm activity.

General Information: Maintenance, energy conservation, construction activities, or changing operational modes require modifications in the EMCS point characteristics. The tagout/tagin, sensor inhibit, and limit change functions serve as a mechanism to modify the point characteristics and minimize alarms generated by EMCS computer system. The EMCS system allows for some points to inhibit others from generating alarms. Points are normally inhibited when equipment is shut down. An ancillary function of the inhibit process is to allow points to be tagged out such that they cannot generate any alarms. Tagged out or inactive points are screened out of alarm reporting process; all other processing for the point proceeds as normal. The limit change function modifies the point at which alarm occurs.

Purpose: The Alarm Management Plan shall detail the primary objectives to minimize alarm activity without impacting safety, equipment damage, operations, and maintenance requirements specified in COSS contract.

Contents: The Contractor shall prepare, submit, implement, accomplish, and maintain an EMCS Alarm Management plan (EAM). The plan shall be submitted to NASA for approval 60 days from award of contract. The plan shall facilitate all data, reports, applications, procedures, and logs being functional 4 months after contract start date. The EAM plan shall detail all plans, procedures, and processes the Contractor shall implement, accomplish, and maintain to provide the intended results of the EAM requirements. The plan shall list implementation schedule including all milestone elements by description and providing start and completion dates for each. The plan shall detail methods, procedures, processes, and controls that will be implemented and further accomplished to meet the intent of SOW in Annex 4.2.1.7.1.b titled Man and Operate the EMCS – Two systems Honeywell EBI and SCTF System 20/20.

The plan will address the following additional requirements, as a minimum:
Identify all methods, procedures, processes, and controls you will use to:

- Ensure a clean and manageable alarm file.
- Manage EMCS alarm activities in accordance with SOW requirements.
- Implement/maintain modifications to EMCS points when field conditions require change.
- Reduce and report to the EMCS Operations Review Board (EORB) repetitive or nuisance alarms.
- Control/limit only authorized personnel to modify point-operating characteristics. Note: All changes to limits and to critical points or systems shall be approved by COTR.
- Maintain and update existing SOP's for Sensor Inhibit, Sensor/Control, Tagout/Tagin, and Limit Changes.
- Identify, control, and track equipment monitored by EMCS when placed out of service due to maintenance, equipment failures of energy management system, operational mode changes, facility activation, and construction activities.
- Operate EMCS to assure operators are in control of equipment.
- Respond to alarms based on type and category, corrective actions; provide notifications, and document/control changes.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

- Determine the optimum selection criteria (inhibit, tagout, change limits) to modify the point characteristics based on identified anomalies.
- Maintain a minimal amount of alarms. Provide plan to minimize: (a) alarm acknowledgments per Operator Change Shift, (b) outstanding alarm list, and (c) Alarm Tagout list.
- Acknowledge and respond to alarm conditions (critical, non-critical) within the alarm operational time limit requirements of the SOW.
- Maintain the electronic files for Government access.

The Contractor EAM plan must provide alarm management data, reports, and application processes to support the activities, configuration management, and metrics necessary to comply with requirements stated in this DRD. All data, reports, applications, and programs shall be implemented within 4 months of contract start date.

Maintenance: The Contractor shall continuously maintain electronic on-line access to the data required in this DRD. All data, reports, applications, and logs shall be available for on-line Government access. All data elements, applications, and reports shall be maintained in Microsoft ACCESS data. All data or reports shall be maintained to provide historical data necessary to review an audit trail of all activities, changes, additions, or deletions. Update all data, files, reports, and programs when action requires alarm management configuration changes at time of occurrence.

Report Requirements: All reporting requirements will be submitted to the Government in an electronic format. Report requirements are as follows:

Tagin/Tagout Activity Report shall be required at the first EORB meeting of each month and shall contain the following information:

- Disabled point
- Point description
- Date/time point was disabled
- Identification of operator disabling point
- Reason for point being disabled
- Estimated date point is to be returned to service
- Date of point enabled (tagged in)
- Identification of operator enabling point
- Action taken to restore point to service

Sensor Inhibit Configuration and Report shall provide and maintain sensor inhibited point configurations. This shall be in the format of an application program allowing the query of entire database by selected functions to request sensor inhibition point configuration information. Functions include listing the entire database or a selected function grouped as building, unit, point, tag name, point description, or system. Data should include a PC application that lists the entire database or lists a selected query function grouped as building, unit, point, tagnames, or system. Data should include the points inhibited, date inhibited, the inhibitors, and reason for inhibition. When points are removed from inhibition, store on historical data configuration file, with date/time points were removed from inhibition, and reason point was removed from inhibition. Application shall be made available for Government access. Report configuration changes at the weekly EORB.

Operational Alarm Log (OAL) Report shall provide and maintain an on-line operational alarm log (OAL) that displays to the EMCS Operators or Government users via PC the following:

- Date/time point went into alarm,
- Tagname,
- Point description,
- Current value,
- Limit exceeded (if analog),
- Time alarm was acknowledged,

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- Remedial action,
- Corrective action to resolve alarm.

EMCS point alarm activities report shall provide a summation report of all EMCS point alarm activities at the first EORB of each month. Include in summary the following:

- Point tagname,
- Point description,
- Date/time point went into alarm,
- Date/time point was acknowledged,
- Number of times point alarmed/day/week/month,
- Number of hours point stayed in alarm/day/week/month,
- Remedial action taken,
- Corrective action to resolve alarm,
- Average temperature/humidity between hours (6 a.m. to 6 p.m.) and between (6 p.m. to 12 a.m.),
- Non-operation or malfunctioned EMCS devices, points, or systems for each building or field system monitored and controlled on the EBI.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title Environmental Compliance Plan	2. Current Version Date 3/01	3. DRL Line AN-9-1	RFP/Contract No. (Procurement completes) 9-BJ32-T63-0-24P
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4. Use (Define need for, intended use of, and/or anticipated results of data)

Establishes Compliance Plan for Contractors providing environmental support to JSC organizations and performing work impacting the environment.

***The Office of Primary Responsibility for this DRD is the JSC Environmental Office

5. DRD Category: (check one) ☐ Technical ☒ Administrative ☐ SR&QA

6. References (Optional)

7. Interrelationships (e.g., with other DRDs) (Optional)
See block 8. below

8. Preparation Information (Include complete instructions for document preparation)

Scope: The Environmental Compliance Plan shall describe, explain, and document (a) how the COSS Contractor will structure and manage its own in-house activities and personnel to ensure compliance with all environmental requirements per Annex 1- Administrative Support, and (b) how the COSS Contractor will meet the requirements called for by the Government to support site-wide environmental activities per Annex 9- Environmental Programs. The Environmental Compliance Plan shall be submitted with the Contractor's proposal. The CO will approve the plan concurrent with Contract.

Maintenance: Update and maintain the Environmental Compliance Plan to ensure it remains compliant with applicable environmental requirements. The Contractor may revise the plan at any time or at the direction of the Government, however, the plan must be reviewed and revised at least once per contract year to include new regulations/ policies and process improvements. Revisions are subject to Government review and approval. Distributions of approved revisions will be as described below. Provide plan updates within 15 days after receipt of applicable contract modifications or whenever a change to the plan is proposed.

Distribution. Provide 20 copies of the Environmental Compliance Plan with submission of the proposal, 5 updated copies to CO 15 days prior to contract start, and 5 final copies within 15 days of any approved plan updates or changes. In all cases, provide one electronic copy along with the hardcopies. The Contractor will distribute copies to the following:

JSC Occupational Safety and Quality Assurance Branch (1 copy)
JSC Occupational Health Officer (1 copy)
JSC Environmental Office (2 copies and 1 electronic copy)
Contracting Officer's Technical Representative (1 copy)

Deleted: 5

Format:

1. Cover page - to include as a minimum the signatures of Contractor's project manager and designated environmental official (if different); NASA COTR; JSC Environmental Office representative, and the NASA Contracting Officer. Other signatures may be required at the discretion of the Government.

2. Table of Contents. See content below.

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3. Body of plan - as required. Contractor's format is acceptable but should be traceable to the elements of the content below.

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4. The plan will clearly identify those resources to be provided by the Contractor and provided by the Government. The supporting rationale shall be explained in the plan.

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JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

Content:

1. MANAGEMENT AND ORGANIZATION.

- 1.1. Organization. Describe the management structure and organization, including lines of authority and identification of matrix responsibilities, which you will use to meet all environmental requirements of the contract. This includes functional responsibilities of management, environmental staff and line personnel for environmental compliance. Describe how the organization proposed will achieve the following: (a.) requirements for site-wide environmental programs in Annex 9; and (b.) requirements to ensure the COSS Contractor internally meets all environmental rules and regulations, and environmental program objectives. Describe the functional relationships between COSS and JSC's Environmental Office and between COSS and other JSC organizations and Contractors. Include a description of any relationships between those organizations. Identify how the management structure will ensure lack of conflict of interest between COSS Contract management goals, objectives, and other Annex requirements and JSC environmental requirements.
- 1.2. Staffing: Describe how you will provide an adequate number of qualified personnel to fulfill the requirements of the site-wide environmental program and ensure that all COSS activities, facilities and equipment are compliant with all applicable environmental requirements (Annex 1.11). State the number of staff required, their minimum qualifications, how professional qualifications and credentials of personnel will be maintained, and ensuring that staffing levels and quality is maintained.
- 1.3. Training. State how environmental staff will be trained to be in compliance with and to stay proficient in all new and existing rules and regulations. In addition, describe how COSS non-environmental employees will be trained to ensure compliance with new and existing rules and requirements as they apply to individual job functions (e.g., procurement officials trained on affirmative procurement requirements or operators, laborers or maintenance workers who operate or repair equipment that could have an environmental impact trained on RCRA or SPCC requirements).
- 1.4. Professional Resources. Discuss your access to environmental professional resources. Discuss their roles and qualifications and training. Describe how support will be provided to JSC for environmental areas where there is no in-house expertise. This includes but is not limited to; identification of resources available or that will be used, how qualified subcontractors will be selected and their work reviewed, the methods used to ensure subcontractor work is adequate, training of subcontractors in environmental requirements applicable to their activities, collections of required information (e.g., hazardous materials usage information to be included in annual reports, paint usage records, or other environmental records or documents).
- 1.5. Procedures and Processes. Describe your procedures and processes for reviewing, approving, and documenting environmental compliance by COSS contractor personnel and all COSS subcontractors and for implementing all contract requirements to ensure site-wide compliance. This includes but is not limited to; the use of inspections, reporting, customer assistance, quality assurance and quality control procedures, cease and desist authority, and corrective action. Describe how environmental impacts and regulatory requirements will be identified before they occur and how to ensure controls and mitigations will be developed and employed to ensure compliance and adherence to policy and procedures for any activity undertaken, including: design; specification development and purchasing; projects and programs; construction; operation, maintenance and repair of equipment and facilities; grounds-keeping; custodial services, logistics; and supply. Provide a copy of the Environmental Planning Checklist or other mechanism you plan to use for identification of impacts and identification of environmental requirements. Describe how it will be applied, reviewed, updated and kept on file and what procedures you will use to monitor and ensure effectiveness. Describe and provide documentation, such as an example contract, showing how environmental requirements will be incorporated into all you subcontracts. Describe the performance criteria that will be used to

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

evaluate your compliance and your subcontractor's overall compliance, with the environmental program, goals, and objectives.

- 1.6. Interfaces. Describe how you will interface with the JSC Environmental Office and other JSC organizations and Contractors regarding environmental related work (for example, how you will provide technical assistance, environmental awareness information, process improvements, enhanced compliance and participation on JSC and NASA work groups).
2. **POLICY, GOALS AND OBJECTIVES.**
 - 2.1. Policy. State your environmental policy statement. The policy shall state the company's intentions and principles of commitment to environmental compliance, minimizing and preventing pollution, corrective action and methods of achieving continuous improvement. The policy shall be appropriate to the scale and impacts of the COSS Contractor and subcontractor's operations and activities. The policy shall address all environmental aspects over which the COSS Contractor has or can exercise control or may have influence. Describe how your environmental policy meets the intent, goals and objectives of JSC's Environmental Excellence Policy.
 - 2.2. Goals and Objectives. Identify how you will set and implement environmental goals and objectives for continually reducing and eliminating contaminants, wastes, discharges and emissions in the following elements (such as a written and communicated Pollution Prevention Plan): solid waste, industrial solid wastes, air emissions, wastewater, storm water, resource conservation, sedimentation and erosion control, and spill prevention. Identify methods and philosophies that will be incorporated as priorities, such as source reduction, hazard and toxic material reduction or elimination and recycling. Explain how the effectiveness of these methods and goals will be evaluated, measured, communicated, and updated. Describe how you will enhance and comply with requirements for: beneficial landscaping, composting, affirmative procurement, recycling programs, outreach programs, life-cycle cost analysis that considers environmental costs and requirements, elimination and substitution of hazardous and toxic materials purchased or specified in design specifications and standards for COSS and site-wide activities. These descriptions should include the means and methods you will use to aid JSC in maintaining compliance with rules and regulations and in achieving JSC goals and objectives. Describe how you will provide the government access to your goals, objectives, and their effectiveness and achievements.

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JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC-STD-123)

1. DRD Title	2. Current Version Date 1/19/01	3. DRL Line AN-14-1	RFP/Contract No. (Procurement completes) RFP9-BJ32-T63-0-24P
Custodial Cleaning Schedules			
4. Use (Define need for, intended use of, and/or anticipated results of data) This schedule shall be used by the QAE to monitor Contractor's performance.			
5. DRD Category: (check one) <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Administrative <input type="checkbox"/> SR&QA			
6. References (Optional) Section 14.1, Paragraph 14.1.5		7. Interrelationships (e.g., with other DRDs) (Optional)	
8. Preparation Information (Include complete instructions for document preparation)			

Comment [Insert52]:

Scope: Develop and submit a report, covering each year of the contract, containing all information listed below.

Frequency: Maintain electronic log available to the Government at all times.

Distribution: One electronic copy to the Custodial TMR, for Contract Year 1, 2 weeks prior to contract start date; one electronic copy to the Custodial TMR annually thereafter for each successive contract year by March 15th of each year.

Details: As a minimum, provide the following information by building and by month:

- (a) Building number
- (b) Date revised (as changes occur)
- (c) Type of services being provided (CLIN number).
- (d) Area receiving services (Area number).
- (e) *Frequency of each service
- (f) *Number of days per month service will be performed
- (g) *Day(s) each service will be performed
- (h) *Time frame each service will be performed

*When scheduled services fall on a holiday, alternate dates shall be specified on the schedule by the Contractor.

PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J - LIST OF ATTACHMENTS

ATTACHMENT E – WAGE DETERMINATION SERVICE CONTRACT TABLE OF CONTENTS

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E-1	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE	J-E, 3
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E-1	ECONOMIC TERMS OF COLLECTIVE BARGAINING AGREEMENTS BETWEEN:	
	BRSP AND IAM&AW, LOCAL 1786, DISTRICT 37	J-E, 18
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E-1	GENERAL WAGE DECISION DATA FOR CONSTRUCTION EMPLOYEES DAVIS BACON GENERAL DECISION NUMBER TX010010	J-E, 113

Wage Determination Data for
Nonexempt Employees

The attached Department of Labor wage determination number 1994-2516 (revision 16) is incorporated into this solicitation for employees performing nonunion nonexempt services on this contract.

A large portion of the current workforce is represented by organized labor. In accordance with section 4c of the Service Contract Act, a contractor shall pay any service employee (regardless of whether or not such employee was employed under the predecessor contract) wages and fringe benefits provided for under a collective bargaining agreement (CBA). The Department of Labor has recognized the wages and benefits of the four CBA's between BRSP (incumbent contractor) and organized labor. Those wage determinations are 1991-0124, 1999-0135, 1999-0136, and 1973-0023.

To assist you in the preparation of this proposal, copies of the current CBA's between the incumbent contractor and organized labor was available for review in the JSC Scientific and Technical Resource Library (TRL). Pages pertaining to a sampling of the economic terms of the CBA's are provided, however, it is the contractor's responsibility to review the CBA's in their entirety.

List of Unions
Attachment A
(SF98 A2241772 - 8c)

1. CBA between prime contractor BRSP and the International Association of Machinists and Aerospace Workers, Local 1786, District 37, dated October 1, 1998 through September 30, 2001. (WD 91-0124) *
2. CBA between prime contractor BRSP and the International Union of Operating Engineers, Local 347, dated September 1, 1998 through August 31, 2001. (WD 99-0135) **
3. CBA between prime contractor BRSP and the General Presidents' Project Maintenance Agreement, dated July 31, 1997. (WD 73-0023) ***
4. CBA between prime contractor BRSP and the Teamsters, Local 968 (Logistics), dated December 16, 2000 through December 15, 2003. (WD 99-0136) ****
5. CBA between prime contractor BRSP and the Teamsters, Local 968 (Transportation), dated December 16, 2000 through December 15, 2003. (WD99-0136) *****

(Revised 01/25/01)

STANDARD FORM 98 Rev. Feb. 1973 U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE <i>(See Instructions on Reverse)</i>	1. NOTICE NO. <div style="font-size: 1.5em; font-weight: bold; text-align: center;">A2241772</div>																		
MAIL TO: <div style="text-align: center;"> Administrator Wage and Hour Division U.S. Department of Labor Washington, D.C. 20210 THRU: NASA/Goddard Space Flight Center Code 201/Wage Determination Processing </div>		2. Estimated solicitation date (use numerals) Recompetition <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Month</td> <td style="width: 33%;">Day</td> <td style="width: 33%;">Year</td> </tr> <tr> <td style="text-align: center;">02</td> <td style="text-align: center;">15</td> <td style="text-align: center;">01</td> </tr> </table> 3. Estimated date bids or proposals to be opened or negotiations begun (use numerals) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Month</td> <td style="width: 33%;">Day</td> <td style="width: 33%;">Year</td> </tr> <tr> <td style="text-align: center;">06</td> <td style="text-align: center;">01</td> <td style="text-align: center;">01</td> </tr> </table> 4. Date contract performance to begin (use numerals) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Month</td> <td style="width: 33%;">Day</td> <td style="width: 33%;">Year</td> </tr> <tr> <td style="text-align: center;">04</td> <td style="text-align: center;">01</td> <td style="text-align: center;">02</td> </tr> </table>	Month	Day	Year	02	15	01	Month	Day	Year	06	01	01	Month	Day	Year	04	01	02
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02	15	01																		
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5. PLACE(S) OF PERFORMANCE Harris County, Houston, TX		6. SERVICES TO BE PERFORMED (describe) II - Base Operations Support Services WD Period: Solic- 02/15/01 thru Contract: 04/01/02 to 03/31/03																		
7. INFORMATION ABOUT PERFORMANCE A. <input checked="" type="checkbox"/> Services now performed by a contractor B. <input type="checkbox"/> Services now performed by Federal employees C. <input type="checkbox"/> Services not presently being performed																				
8. IF BOX A IN ITEM 7 IS MARKED, COMPLETE ITEM 8 AS APPLICABLE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> a. Name and address of incumbent contractor BRSP P.O. Box 58565 Houston, TX 77258 </td> <td style="width: 50%; vertical-align: top;"> b. Number(s) of any wage determination(s) in incumbent's contract WD 94-2516, WD 72-0229, WD 73-0023 WD 91-0124, WD 99-0135, WD 99-0136 </td> </tr> </table>			a. Name and address of incumbent contractor BRSP P.O. Box 58565 Houston, TX 77258	b. Number(s) of any wage determination(s) in incumbent's contract WD 94-2516, WD 72-0229, WD 73-0023 WD 91-0124, WD 99-0135, WD 99-0136																
a. Name and address of incumbent contractor BRSP P.O. Box 58565 Houston, TX 77258	b. Number(s) of any wage determination(s) in incumbent's contract WD 94-2516, WD 72-0229, WD 73-0023 WD 91-0124, WD 99-0135, WD 99-0136																			
c. Name(s) of union(s) if services are being performed under collective bargaining agreement(s). Important: Attach copies of current applicable collective bargaining agreements List of Unions attached (Attachment A)		RESPONSE TO NOTICE <i>(by Department of Labor)</i> A. <input type="checkbox"/> The attached wage determination(s) listed below apply to procurement. B. <input type="checkbox"/> As of this date, no wage determination applicable to the specified locality and classes of employees is in effect. C. <input type="checkbox"/> From information supplied, the Service Contract Act does not apply (see attached explanation). D. <input type="checkbox"/> Notice returned for additional information (see attached explanation). Signed: _____ <div style="text-align: center; font-size: 0.8em;">(U.S. Department of Labor)</div> <div style="text-align: center; font-size: 0.8em;">(Date)</div>																		
9. OFFICIAL SUBMITTING NOTICE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> SIGNED: <div style="font-family: cursive; font-size: 1.2em;">Connie R. Pritchard</div> </td> <td style="width: 50%;"> DATE <div style="font-family: cursive; font-size: 1.2em;">11/20/02</div> </td> </tr> <tr> <td> TYPE OR PRINT NAME Connie R. Pritchard Contract Labor Relations Officer </td> <td> TELEPHONE NO. 281-483-4121 </td> </tr> </table>			SIGNED: <div style="font-family: cursive; font-size: 1.2em;">Connie R. Pritchard</div>	DATE <div style="font-family: cursive; font-size: 1.2em;">11/20/02</div>	TYPE OR PRINT NAME Connie R. Pritchard Contract Labor Relations Officer	TELEPHONE NO. 281-483-4121														
SIGNED: <div style="font-family: cursive; font-size: 1.2em;">Connie R. Pritchard</div>	DATE <div style="font-family: cursive; font-size: 1.2em;">11/20/02</div>																			
TYPE OR PRINT NAME Connie R. Pritchard Contract Labor Relations Officer	TELEPHONE NO. 281-483-4121																			
10. TYPE OR PRINT NAME AND TITLE OF PERSON TO WHOM RESPONSE IS TO BE SENT AND NAME AND ADDRESS OF DEPARTMENT OR AGENCY, BUREAU, DIVISION, ETC. <div style="text-align: center;"> NASA Johnson Space Center Attn: BA2/Connie R. Pritchard 2101 NASA Rd. One Houston, TX 77058 </div>																				

STANDARD FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration		NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)		11. Notice No. NASA A2241772	
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Nonunion, WD 94-2516, BRSP, included in the Directory of Occupations			13. NUMBER OF EMPLOYEES IN EACH CLASS		14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
Production Control Clerk			3		GS-6
Stock Clerk			1		WG-4
Drafter, I			1		GS-3
Drafter, II			0		GS-4
Drafter, III			8		GS-5
Electronic Technician, Maint., III			1		WG-10
Heavy Equipment Operator			2		WG-10
Material Coordinator			2		WG-7
Bus Driver			6		WG-7
Dispatcher, Motor Vehicle			2		GS-5
Secretary, I			1		GS-4
Secretary, II			4		GS-5
Secretary, III			1		GS-6
General Clerk, II			3		GS-2
General Clerk, III			5		GS-3
General Clerk, IV			4		GS-4
Word Processor, III			1		GS-5
Harris County, TX, Nonexempt/Union, CBA between IAM&AW, Local 1786, District 37 & BRSP *					
Electrician *			2		Per CBA
Electrician, Lead *			1		Per CBA
Cryo/Vac Mechanic *			2		Per CBA
Refrigeration Mechanic *			2		Per CBA
Reproduction Equipment Mechanic *			0		Per CBA
Welder/Systems Mechanic *			2		Per CBA
Machine Tool Repairman/Hydraulics *			2		Per CBA
Machine Tool Repairman/Hydraulics, Lead *			1		Per CBA
Electronic Technician *			1		Per CBA
Graphic Equipment Technician *			1		Per CBA

FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration		NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)		11. Notice No. NASA A2241772	
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Union, CBA between IAM&AW, Local 1786, District 37 & BRSP *				13. NUMBER OF EMPLOYEES IN EACH CLASS	
14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED					
- continued -					
Heavy Equipment Mechanic *				0	
Cooling Tower/Systems Mechanic *				1	
Crane Maintenance/Systems Mechanic *				2	
Engine/Generator Mechanic *				1	
Mechanic/Technician *				2	
Toolroom Attendant *				1	
Harris County, TX, Nonexempt/Union, CBA between IUOE, Local 347 & BRSP **					
Chief Operator, B-24 **				4	
Chief Operator, Field **				4	
EMCS Operator, B-24 **				4	
Environmental Operator **				1	
Lab Technician **				1	
Operator, B-24 **				4	
Relief Operator **				12	
Roving Operator **				4	
Training Chief Operator **				1	
Harris County, TX, Nonexempt/Union, CBA between AFL-CIO General Presidents Agreement – Bldg Trades & BRSP ***					
Iron Worker ***				1	
Iron Worker, Foreman ***				1	
Carpenter ***				4	
Carpenter, Foreman ***				1	
Laborer ***				9	
Laborer, Foreman ***				1	

FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration		NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)		11. Notice No. NASA A2241772	
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Union, CBA between AFL-CIO General President's Agreement – Bldg. Trades & BRSP ***			13. NUMBER OF EMPLOYEES IN EACH CLASS		14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
- continued -					
Electrical Lineman ***			2		Per CBA
Electrical Lineman, Foreman ***			1		Per CBA
Millwright ***			1		Per CBA
Millwright, Foreman ***			2		Per CBA
Painter ***			4		Per CBA
Pipefitter ***			16		Per CBA
Pipefitter, Foreman ***			4		Per CBA
Pipefitter, General Foreman ***			0		Per CBA
Plumber ***			4		Per CBA
Plumber, Foreman ***			3		Per CBA
Material Checker ***			3		Per CBA
Electrician ***			15		Per CBA
Electrician, Foreman ***			4		Per CBA
Electrician, General Foreman ***			0		Per CBA
Insulator, Asbestos Abatement ***			3		Per CBA
Sheetmetal ***			2		Per CBA
Driver Truck (Heavy), ISW Spill Response ***			2		Per CBA
Heavy Equipment Operator ***			1		Per CBA
Roofer ***			4		Per CBA
Roofer Foreman ***			1		Per CBA
Electrical Lineman ***			2		Per CBA
Electrical Lineman, Foreman ***			1		Per CBA
Harris County, TX Nonexempt/Union, CBA between Teamsters, Local 968 (Logistics) and BRSP ****					
Cataloger ****			2		GS-7
Clerk Typist ****			1		GS-2
Customer Service Clerk ****			3		GS-5

FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)	11. Notice No. NASA A2241772
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX, Nonexempt/Union, CBA between Teamsters, Local 968 (Logistics) and BRSP ****	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
- continued -		
Inchecker/Warehouse Person ****	1	Per CBA
Inspector ****	1	Per CBA
Senior Inspector ****	1	Per CBA
Furniture Repair/Warehouse Person ****	5	Per CBA
Furniture Repair/Warehouse Person, Lead ****	1	Per CBA
Storekeeper ****	3	Per CBA
Bond Room Storekeeper ****	7	Per CBA
Bond Room Storekeeper, Lead ****	1	Per CBA
Warehouse Person	8	Per CBA
Warehouse Person, Lead (R&U Lead) ****	1	Per CBA
Stock Control Clerk ****	2	Per CBA
Supply Clerk ****	1	Per CBA
Clerk/Dispatcher ****	1	Per CBA
Senior Property Specialist ****	1	Per CBA
Property Technician ****	3	Per CBA
Property Clerk ****	2	Per CBA
Harris County, TX, Nonexempt/Union, CBA between Teamsters, Local 968 (Transportation) and BRSP *****		
Bobtail Driver *****	5	Per CBA
Helper *****	6	Per CBA
Crater & Flight Packer *****	4	Per CBA
Crater & Flight Packer, Lead *****	1	Per CBA
Flight Packing Specialist *****	1	Per CBA
Flight Packing Specialist, Lead *****	1	Per CBA
Tractor Trailer Driver *****	2	Per CBA
Driver, Lead *****	2	Per CBA

William W. Gross Division of
Director Wage Determinations

Wage Determination No.: 1994-2516
Revision No.: 16
Date Of Last Revision: 09/19/2000

State: Texas

Area: Texas Counties of Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Grimes, Harris, Houston, Jackson, Lavaca, Liberty, Madison, Matagorda, Montgomery, San Jacinto, Trinity, Walker, Waller, Washington, Wharton

****Fringe Benefits Required Follow the Occupational Listing****

OCCUPATION TITLE MINIMUM WAGE RATE

Administrative Support and Clerical Occupations

Accounting Clerk I	9.78
Accounting Clerk II	9.87
Accounting Clerk III	11.72
Accounting Clerk IV	14.35
Court Reporter	12.96
Dispatcher, Motor Vehicle	12.96
Document Preparation Clerk	10.60
Duplicating Machine Operator	10.60
Film/Tape Librarian	11.50
General Clerk I	7.80
General Clerk II	8.58
General Clerk III	11.54
General Clerk IV	12.04
Housing Referral Assistant	13.60
Key Entry Operator I	8.40
Key Entry Operator II	10.74
Messenger (Courier)	7.80
Order Clerk I	10.12
Order Clerk II	10.49
Personnel Assistant (Employment) I	9.83
Personnel Assistant (Employment) II	10.69
Personnel Assistant (Employment) III	13.60
Personnel Assistant (Employment) IV	14.53
Production Control Clerk	14.15
Rental Clerk	11.50
Scheduler, Maintenance	11.50
Secretary I	11.50
Secretary II	12.96
Secretary III	14.15
Secretary IV	17.14
Secretary V	21.17
Service Order Dispatcher	11.50
Stenographer I	10.23
Stenographer II	12.09
Supply Technician	17.14
Survey Worker (Interviewer)	12.96
Switchboard Operator-Receptionist	8.77

Test Examiner	12.96
Test Proctor	12.96
Travel Clerk I	9.71
Travel Clerk II	10.46
Travel Clerk III	11.21
Word Processor I	9.57
Word Processor II	11.76
Word Processor III	15.02
Automatic Data Processing Occupations	
Computer Data Librarian	10.89
Computer Operator I	10.07
Computer Operator II	12.21
Computer Operator III	13.87
Computer Operator IV	18.89
Computer Operator V	19.72
Computer Programmer I (1)	16.22
Computer Programmer II (1)	17.97
Computer Programmer III (1)	21.92
Computer Programmer IV (1)	22.73
Computer Systems Analyst I (1)	21.01
Computer Systems Analyst II (1)	26.01
Computer Systems Analyst III (1)	27.62
Peripheral Equipment Operator	10.89
Automotive Service Occupations	
Automotive Body Repairer, Fiberglass	17.43
Automotive Glass Installer	15.92
Automotive Worker	15.92
Electrician, Automotive	16.65
Mobile Equipment Servicer	14.40
Motor Equipment Metal Mechanic	17.43
Motor Equipment Metal Worker	15.92
Motor Vehicle Mechanic	16.99
Motor Vehicle Mechanic Helper	13.58
Motor Vehicle Upholstery Worker	15.11
Motor Vehicle Wrecker	15.92
Painter, Automotive	16.65
Radiator Repair Specialist	17.43
Tire Repairer	14.40
Transmission Repair Specialist	17.43
Food Preparation and Service Occupations	
Baker	8.14
Cook I	7.38
Cook II	8.14
Dishwasher	5.42
Food Service Worker	5.42
Meat Cutter	8.14
Waiter/Waitress	5.91
Furniture Maintenance and Repair Occupations	
Electrostatic Spray Painter	16.65
Furniture Handler	11.60
Furniture Refinisher	11.48
Furniture Refinisher Helper	13.58
Furniture Repairer, Minor	15.11
Upholsterer	16.65
General Services and Support Occupations	
Cleaner, Vehicles	5.42
Elevator Operator	5.42
Gardener	7.38

House Keeping Aid I	5.33
House Keeping Aid II	5.42
Janitor	5.42
Laborer, Grounds Maintenance	5.91
Maid or Houseman	5.33
Pest Controller	7.70
Refuse Collector	5.42
Tractor Operator	6.94
Window Cleaner	5.91
Health Occupations	
Dental Assistant	11.75
Emergency Medical Technician (EMT)/Paramedic/Ambulance Driver	11.75
Licensed Practical Nurse I	9.36
Licensed Practical Nurse II	10.51
Licensed Practical Nurse III	11.75
Medical Assistant	10.51
Medical Laboratory Technician	10.51
Medical Record Clerk	10.51
Medical Record Technician	14.56
Nursing Assistant I	6.01
Nursing Assistant II	8.33
Nursing Assistant III	9.00
Nursing Assistant IV	10.51
Pharmacy Technician	13.10
Phlebotomist	10.51
Registered Nurse I	14.56
Registered Nurse II	17.93
Registered Nurse II, Specialist	19.05
Registered Nurse III	22.55
Registered Nurse III, Anesthetist	22.55
Registered Nurse IV	25.83
Information and Arts Occupations	
Audiovisual Librarian	17.14
Exhibits Specialist I	17.60
Exhibits Specialist II	22.56
Exhibits Specialist III	26.40
Illustrator I	17.60
Illustrator II	22.56
Illustrator III	26.40
Librarian	21.17
Library Technician	12.96
Photographer I	13.93
Photographer II	17.60
Photographer III	22.56
Photographer IV	26.40
Photographer V	30.06
Laundry, Dry Cleaning, Pressing and Related Occupations	
Assembler	6.71
Counter Attendant	6.71
Dry Cleaner	8.65
Finisher, Flatwork, Machine	6.71
Presser, Hand	6.71
Presser, Machine, Drycleaning	6.71
Presser, Machine, Shirts	6.71
Presser, Machine, Wearing Apparel, Laundry	6.71
Sewing Machine Operator	9.13
Tailor	9.86
Washer, Machine	7.36

Machine Tool Operation and Repair Occupations

Machine-Tool Operator (Toolroom)	16.65
Tool and Die Maker	19.20

Material Handling and Packing Occupations

Forklift Operator	12.23
Fuel Distribution System Operator	14.40
Material Coordinator	15.11
Material Expediter	15.11
Material Handling Laborer	10.19
Order Filler	10.40
Production Line Worker (Food Processing)	12.23
Shipping Packer	12.08
Shipping/Receiving Clerk	10.51
Stock Clerk (Shelf Stocker; Store Worker II)	9.82
Store Worker I	9.51
Tools and Parts Attendant	13.58
Warehouse Specialist	10.64

Mechanics and Maintenance and Repair Occupations

Aircraft Mechanic	17.43
Aircraft Mechanic Helper	13.58
Aircraft Quality Control Inspector	18.20
Aircraft Servicer	15.11
Aircraft Worker	15.92
Appliance Mechanic	16.65
Bicycle Repairer	13.91
Cable Splicer	17.43
Carpenter, Maintenance	16.65
Carpet Layer	15.92
Electrician, Maintenance	18.70
Electronics Technician, Maintenance I	13.23
Electronics Technician, Maintenance II	18.84
Electronics Technician, Maintenance III	22.11
Fabric Worker	15.11
Fire Alarm System Mechanic	17.43
Fire Extinguisher Repairer	14.40
Fuel Distribution System Mechanic	17.43
General Maintenance Worker	15.46
Heating, Refrigeration and Air Conditioning Mechanic	17.43
Heavy Equipment Mechanic	17.43
Heavy Equipment Operator	17.43
Instrument Mechanic	17.43
Laborer	6.34
Locksmith	16.65
Machinery Maintenance Mechanic	18.42
Machinist, Maintenance	20.16
Maintenance Trades Helper	13.58
Millwright	17.43
Office Appliance Repairer	16.65
Painter, Aircraft	16.65
Painter, Maintenance	16.65
Pipefitter, Maintenance	18.64
Plumber, Maintenance	16.65
Pneudraulic Systems Mechanic	17.43
Rigger	17.43
Scale Mechanic	15.92
Sheet-Metal Worker, Maintenance	17.43
Small Engine Mechanic	15.92
Telecommunication Mechanic I	17.43

Telecommunication Mechanic II	18.20
Telephone Lineman	17.43
Welder, Combination, Maintenance	17.43
Well Driller	17.43
Woodcraft Worker	17.43
Woodworker	8.49
Miscellaneous Occupations	
Animal Caretaker	6.40
Carnival Equipment Operator	6.94
Carnival Equipment Repairer	7.38
Carnival Worker	5.42
Cashier	7.89
Desk Clerk	9.68
Embalmer	17.81
Lifeguard	8.62
Mortician	17.81
Park Attendant (Aide)	10.82
Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	8.62
Recreation Specialist	13.40
Recycling Worker	7.99
Sales Clerk	8.62
School Crossing Guard (Crosswalk Attendant)	5.42
Sport Official	8.62
Survey Party Chief (Chief of Party)	16.22
Surveying Aide	9.65
Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	12.20
Swimming Pool Operator	9.36
Vending Machine Attendant	7.79
Vending Machine Repairer	9.36
Vending Machine Repairer Helper	7.99
Personal Needs Occupations	
Child Care Attendant	9.68
Child Care Center Clerk	12.06
Chore Aid	5.33
Homemaker	13.40
Plant and System Operation Occupations	
Boiler Tender	17.43
Sewage Plant Operator	16.65
Stationary Engineer	17.43
Ventilation Equipment Tender	13.58
Water Treatment Plant Operator	16.65
Protective Service Occupations	
Alarm Monitor	12.43
Corrections Officer	13.53
Court Security Officer	13.55
Detention Officer	13.53
Firefighter	14.23
Guard I	7.40
Guard II	14.54
Police Officer	15.58
Stevedoring/Longshoremen Occupations	
Blocker and Bracer	12.47
Hatch Tender	12.47
Line Handler	12.47
Stevedore I	11.85
Stevedore II	13.05
Technical Occupations	
Air Traffic Control Specialist, Center (2)	28.02

Air Traffic Control Specialist, Station (2)	19.32
Air Traffic Control Specialist, Terminal (2)	21.28
Archeological Technician I	16.29
Archeological Technician II	18.24
Archeological Technician III	22.56
Cartographic Technician	22.56
Civil Engineering Technician	22.56
Computer Based Training (CBT) Specialist/ Instructor	21.01
Drafter I	12.94
Drafter II	13.35
Drafter III	17.60
Drafter IV	22.56
Engineering Technician I	11.70
Engineering Technician II	14.54
Engineering Technician III	16.92
Engineering Technician IV	21.48
Engineering Technician V	28.05
Engineering Technician VI	31.88
Environmental Technician	22.51
Flight Simulator/Instructor (Pilot)	26.01
Graphic Artist	21.01
Instructor	16.39
Laboratory Technician	12.06
Mathematical Technician	22.51
Paralegal/Legal Assistant I	13.60
Paralegal/Legal Assistant II	16.34
Paralegal/Legal Assistant III	20.34
Paralegal/Legal Assistant IV	21.17
Photooptics Technician	22.51
Technical Writer	19.83
Unexploded (UXO) Safety Escort	17.81
Unexploded (UXO) Sweep Personnel	17.81
Unexploded Ordnance (UXO) Technician I	17.81
Unexploded Ordnance (UXO) Technician II	21.55
Unexploded Ordnance (UXO) Technician III	25.83
Weather Observer, Combined Upper Air and Surface Programs (3)	13.77
Weather Observer, Senior (3)	16.70
Weather Observer, Upper Air	13.77
Transportation/ Mobile Equipment Operation Occupations	
Bus Driver	12.09
Parking and Lot Attendant	7.36
Shuttle Bus Driver	8.44
Taxi Driver	8.01
Truckdriver, Heavy Truck	12.33
Truckdriver, Light Truck	9.41
Truckdriver, Medium Truck	12.09
Truckdriver, Tractor-Trailer	13.77

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$2.56 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as numbered):

1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4.156)

2) APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

3) WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard including working with or in close proximity to explosives and incendiary materials involved in research, testing, manufacturing, inspection, renovation, maintenance, and disposal. Such as: Screening, blending, dying, mixing, and pressing of sensitive explosives pyrotechnic compositions such as lead azide, black powder and photoflash power. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive explosives and incendiary materials. All operations involving regarding and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard. Including working with or in close proximity to explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation and, possibly adjacent employees, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of explosive and incendiary ordnance material other than small arms ammunition. (Distribution of raw nitroglycerine is covered under high degree hazard.)

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** NOTES APPLYING TO THIS WAGE DETERMINATION ****

Source of Occupational Title and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by the Third Supplement, dated March 1997, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE (Standard Form 1444
(SF 1444))

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. (See Section 4.6 (C) (vi)) When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper. When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

ECONOMIC TERMS OF
COLLECTIVE BARGAINING AGREEMENT (CBA)
BETWEEN
BRSP
AND
IAM&AW, LOCAL 1786, DISTRICT 37

The following pages are taken from the above referenced CBA to assist contractors in proposal preparation. The pages pertain to a sampling of the economic terms (wages and fringe benefits) of the agreement. It is the contractors' responsibility to review the CBA in its entirety to ensure that the proper wages and benefits are proposed. Failure by this Agency to include any job classification, wage rate, or fringe benefit encompassed in the CBA does not relieve the terms of the CBA insofar as wages and fringe benefits are concerned. A copy of the CBA is available in the JSC Scientific and Technical Information Center.

AGREEMENT
BETWEEN
BRSP, A JOINT VENTURE

AND

INTERNATIONAL ASSOCIATION OF MACHINISTS
AND
AEROSPACE WORKERS
DISTRICT NO. 37, AFL-CIO
LOCAL LODGE NO. 1786

OCTOBER 1, 1998 THROUGH SEPTEMBER 30, 2001

ARTICLE II
RECOGNITION

2.1 Pursuant to NLRB certification in Case No. 23-RC-23 57, dated the 26th of April 1965, the Company recognizes the Union as the sole and exclusive collective bargaining agency for all employees engaged in special purpose equipment maintenance work which is work required to maintain, modify and install laboratory and shop equipment at NASA/JSC and whose classifications are listed in Exhibit A, excluding all professional, executive and office clerical employees, guards, watchmen, and supervisors as defined in the Act.

2.2 The scope of this Agreement covers all work as defined above under the Company's Base Operations Support Services Contract with NASA/JSC. This Agreement does not cover or include general purpose plant maintenance work which is work required to maintain facilities utility systems and plants.

ARTICLE XIII
LEAD MECHANIC/TECHNICIAN

13.1 Definition of Lead Mechanic/Technician: A Lead Mechanic/Technician is anyone who is employed to direct work of others, but who does not have the authority to hire and fire. He/She is charged with the responsibility of leading, directing and/or approving and signing for the work within his/her group. The Lead Mechanic/Technician shall perform work with tools to the extent consistent with his/her assigned supervisory duties.

13.2 The Company will use Lead Mechanics/Technicians only in those shops and locations and for such time periods as the Company deems appropriate and necessary.

13.3 Leadman assignments will be made as follows:

13.3.1 Temporary Lead Mechanics/Technicians assignments of 6 months or less will be awarded orally within the work unit and shift requiring the position in accordance with Article 9.4, first paragraph of the Agreement.

13.3.2 Permanent Lead Mechanics/Technicians assignments will be awarded in writing within 6 months or less of any vacancy being created.

ARTICLE XIV
HOURS OF WORK, WORK DAY, WORK WEEK

14.1 Subject to other provisions of this Agreement, employees will perform their work at such times as directed by the Company to meet the requirements of NASA/JSC. The work shift will be posted on the bulletin board so that every employee will know his/her regular assigned work shift.

14.2 Eight (8) consecutive hours (exclusive of one-half (1/2) hour unpaid lunch period) (except for graveyard shift employees) shall constitute the standard days work.

14.3 The standard work day shall be a twenty-four (24) hour period commencing with the starting time of an employee's work shift.

14.4 The work week shall commence at 12:01 a.m. on Monday and extend until 12:00 midnight the following Sunday.

14.5 Five (5) days, Monday through Friday, shall constitute the standard work week.

14.5.1 The scheduled daily hours of work are and will continue on a shift basis as follows, unless changed in accordance with Section 14.5.2, 14.5.3 and/or 14.7 hereof: Starting at 7:30 a.m. and ending at 4:00 p.m. with a thirty (30) minute unpaid lunch period in the middle of the day.

14.5.2 In the event the work is performed on a multiple shift basis, scheduled hours of work will be established to meet the request of NASA. The shift starting closest to 8:00 a.m., is considered to be Day Shift, and the next shift shall be the Swing Shift and the remaining shift shall be the Graveyard Shift.

14.5.3 The Company may move the starting or stopping time of regular shifts by as much as one and half (1-1/2) hours as necessary to meet the work needs. However, the regular shift will not commence before 6:00 a.m. or later than 9:00 a.m. The starting and stopping time of regular shifts shall prevail within such range unless otherwise directed by the Company to meet the directed requirements of NASA.

14.6 In the event more than one shift is established, shift differential will be paid in addition to the regular rate of pay in the following amounts per hour on the effective date indicated:

EFFECTIVE OCTOBER 1, 1983

(a)	Swing Shift	.48
(b)	Graveyard Shift	.60
(c)	Two Twelve Hour Shifts	.53

14.7 The Company may establish temporary shifts of longer duration than those specified above up to twelve (12) hours duration.

14.8 In case of a change in the regular shift, assignment of an employee without forty-eight (48) hours notice, the employee shall receive a premium of one and one-half (1-1/2) times his/her regular rate (except that if a higher premium multiplier would be applicable under another section of this Agreement he/she will be paid at the higher premium multiplier) for the first eight (8) hours worked on the new shift to which he/she has been assigned. (This clause has no application to extra or irregular work assignments performed on a temporary overtime or emergency basis, or in cases where temporary shifts are assigned for a given period of time, the 48 hour notice to return to the regular shift will not apply if the need for the temporary shift ends due to circumstances beyond the control of the Company).

14.9 The lunch period on each shift shall be substantially in the middle of the shift, at a time designated by the Company in accordance with the requirements of the work and the practices of NASA/JSC.

ARTICLE XVII
HOLIDAYS

17.1 The Company agrees to pay all employees on the Company's active payroll at their regular rate of pay for eight (8) hours on each of the ten (10) holidays per year. The holidays to be recognized shall be treated as hours worked for the purpose of computing overtime. The parties understood that under the existing NASA/JSC policy, the following ten (10) holidays are observed: (1) New Year's Day (2) Martin Luther King's Day (3) Washington's Birthday (4) Memorial Day (5) Independence Day (6) Labor Day (7) Columbus Day (8) Veteran's Day (9) Thanksgiving Day (10) Christmas Day. If the number of paid holidays or other special days by way of Executive Order or observed by NASA/JSC under existing policy are increased in number, such additional day(s) shall be recognized and paid for in accordance with this Agreement.

17.2 An employee shall not be eligible for holiday pay without working if he/she fails to work both (1) his/her last regular shift prior to, and (2) his/her first regular shift after, such holiday; except under the following conditions:

17.2.1 If excused by the Company. If an absence excused before the holiday, the employee's immediate supervisor will approve the absence in writing.

17.2.2 A non industrial bona fide illness or accident while on the Company's active payroll (and in case of doubt the matter will be decided by consultation between the employee's doctor and the Company's doctor).

17.2.3 Bona fide illness or accident (and in case of doubt the matter will be decided by consultation between the employee's doctor and the Company's doctor).

17.2.4 Absence in accordance with Article XXII Jury Duty.

17.2.5 Absence because of death in immediate family as set forth in Article XXIII Funeral Leave.

17.2.6 If an industrial accident occurs on the day before or day after a holiday, resulting in the employee being absent on either or both of such days, he/she shall nevertheless be paid for that holiday.

17.2.7 If an employee is scheduled to work on a holiday, but fails to work he/she shall not be paid for the holiday.

17.3 In the event a holiday falls within a scheduled vacation, as distinguished from falling at the commencement or termination of a scheduled vacation, the Company will arrange for a substitute holiday for the employee, at the end of his/her vacation unless the requirements of the work prevent, and in that event it will be given at some time mutually convenient to the employee and the Company.

17.4 Except for vacations as provided in Section 17.3 above, if an employee should be entitled to pay for the time worked on more than one basis (as, for example, being on jury duty on a recognized holiday) the employee shall be entitled to pay for that time not worked on one basis but not on more than one basis.

17.5 When a holiday falls on a Saturday, the preceding Friday will be observed as the holiday; when a holiday falls on a Sunday, the following Monday will be observed as the holiday.

ARTICLE XVIII
VACATION

18.1 Vacations shall be scheduled by the Company with primary consideration to the requirements of the work and secondary consideration to the preference of the employees. Preference of the employees will be expressed in the following manner:

18.1.1 Employee's having the greatest seniority will be given first choice in requesting the time of their vacation when two employee's make the request on the same day for the same days off.

18.1.2 Any vacation time must be approved by the company prior to the vacation period being taken. One week vacation periods are desirable. However, employees may take vacation in less than one (1) week increments, but in no event will vacations be granted in less than four (4) hour increments.

18.1.3 If an employee desires to reschedule his/her vacation, such an employee may not exercise his/her seniority rights with respect to any other employee who has already designated his/her vacation preference.

18.1.4 Notwithstanding the above, a shutdown of no more than five work days between the Christmas and New Years holidays may be designated by the Company. If so designated, the Company will establish the minimum work force required and give preference to be off to employees having the greatest seniority. If insufficient volunteers are received, employees will be scheduled off in reverse order of seniority. In either case the employees may elect to take the five days off as part of their paid vacation accrual or as excused absence without pay.

18.2 If the Company is unable to schedule a vacation within twelve (12) months after eligibility, the period within which it may be taken shall be extended as required to permit the vacation to be taken.

18.3 Employees will accrue vacation as follows:

18.3.1 If in the employ of the Company for less than one year, one workday for each month of service up to a maximum of 10 workdays.

18.3.2 If in the employ of the Company for one year, but less than five years, 10/12^{ths} of one workday for each month of service each year.

18.3.3 If in the employ of the Company for five (5) years, but less than 13 years, 15/12^{ths} of one workday for each month of service each year.

18.3.4 If in the employ of the Company for 13 years or more, 20/12^{ths} of one workday for each month of service each year.

18.4 New hires employed on or before the 15th of the month will accrue vacation for the month, if hired after the 15th, the accrual will begin the following month. Employees will not accrue vacation for the final month of employment unless the separation date is after the 15th of the month.

18.5 Beginning each October 1st and each October 1st thereafter, employees are eligible to liquidate vacation accrued in the previous contract year provided they have completed at least one year's continuous service.

18.6 Between completion of 12 months of service and the October 1st immediately following, an employee will liquidate all vacation accrued in the previous contract year. However, should this accrual amount to four workdays or less, the accrued may be carried over for liquidation in the following vacation year.

18.7 Vacations will be extended one workday for each holiday falling within the vacation period.

18.8 The pay for each week of vacation shall be forty (40) times the employee's regular hourly rate of pay at the time the vacation is taken. An employee will be given vacation pay prior to taking his/her vacation provided he/she makes a request therefor in writing at least two (2) weeks in advance of the date scheduled for the commencement of his/her vacation.

18.9 Vacations are intended for rest and recreation, and must be taken by the employee to be paid. Upon termination, layoff, or death, an employee with six (6) months or more of continuous employment shall be paid for his/her accrued vacation, including any pro-rata portion of a vacation.

18.9.1 Any employee passing an anniversary seniority date which would entitle him/her to additional vacation eligibility may take that additional prorata portion of vacation between his/her anniversary date and the following October 1 vacation year. Employees may elect to carry forward such time to their next vacation year.

ARTICLE XIX
SICK LEAVE

19.1 Sick leave is provided by the Company in the event that an employee is, through illness or injury, unable to report to work and/or perform his/her work. This provision shall apply to absence due to illness or recuperation from non-industrial injuries not covered by Workman's Compensation. The pay compensations provided herein are intended only to provide wage continuation, within the limits provided, during such absences.

19.2 Effective October 1, 1993, employees will accrue sick leave at the rate of eight (8) hours for each month of service. Sick leave accrual for any one employee shall not exceed eight hundred (800) hours.

19.3 A month of service, for the purpose of this section, shall be defined as actual time on the active payroll no less than the first day through the 16th day of any calendar month or the 15th day through the last day of any calendar month.

19.4 A claim for sick pay must be made by the employee to his/her supervisor. If requested, the employee must supply a statement from a Doctor verifying that the absence was due to illness or injury. Such payments are to be computed at the straight time hourly rate the employee was receiving on the day or days of the absence. Employees on a letter of restriction for poor attendance will not be paid for the first day of an illness unless they are hospitalized. A letter of restriction for poor attendance will not exceed six months in duration unless the employee's attendance remains unacceptable.

19.5 If an employee is laid off, all unused sick pay hours accrued by him/her up to the time of his/her layoff will be credited to him/her on the date of recall from layoff. After two (2) years from time of layoff such employee will forfeit credited sick leave.

In the event an employee is laid-off in a reduction in force expected to last ninety (90) days or more, the employee will be eligible to be paid for one-half (1/2) of the employee's accrued unused sick leave pay hours up to a maximum of two hundred (200) hours. Sick leave paid off will not be credited to the employee's account should the employee be recalled. However, should the reduction in force result from work going to a successor contractor, any employee hired by the successor contractor will be ineligible to receive sick leave pay as established herein, if the contractor assumes the employee's accrued sick leave bank.

19.6 To be eligible for sick leave, the employee must notify the Company of his/her inability to report for duty, due to illness or injury, during the first one (1) hour of elapsed time on his/her regularly scheduled work shift.

19.7 Effective October 1, 1984, employees who have accumulated an unused credit of ten (10) days of sick leave during the preceding twelve month period from October 1, through September 30 of each year, will be allowed one (1) day off with pay, to be scheduled during the following twelve month period. Scheduling of these days are subject to reasonable operational limitations. The above days off will not be deducted from accrued sick leave.

19.8 Any employee covered under this bargaining agreement may give unused paid sick leave hours from his/her sick pay account on the following terms:

1) The employee donating sick leave from his/her sick pay account, must have at least four hundred (400) hours of unused sick pay in his/her sick pay account at the time of the donation.

2) No employee may donate more than 40 sick pay hours per year to other employees.

3) The employee that will receive the donation must have had a minimum of four hundred (400) hours of unused sick pay in his/her account when the employee began to deplete his/her account.

The depletion of the employee's account must have been in a continuous duration without return to work. Time lost that is due to a major debilitating disease or accident which allowed the employee to return to work for short periods of time may be exempt from the continuous duration requirement at the Company's option.

4) The donation of sick leave will not take place until the receiving employee has exhausted all paid sick leave and all vacation in his/her sick pay and vacation accounts.

5) Donated paid sick leave must be liquidated in full workday increments.

6) The Company will select which donor employee's sick leave will be used first when there are multiple donors.

19.9 At the time that an employee retires, if the employee is age 62 years or older, the employee will be paid for all accrued unused sick leave pay hours as follows:

All unused sick pay hours times one-half, times the employee's base rate in force on the date of retirement. For example: a sixty two (62) or older Mechanic/Technician retiring with eight hundred (800) hours of accrued unpaid sick pay, would be paid $800 \times 1/2 \times$ Mechanic/Technician's rate upon separation.

ARTICLE XX
PENSION PLAN

20.1 The Company agrees to make contributions, in accordance with ERISA regulations, into the Company's 401K Retirement Savings Plan for each employee covered by this Collective Bargaining Agreement, as follows:

20.1.1 Effective October 1, 1998, the Company contributions shall be equal to seven percent (7%) of the straight time rate for all pay hours.

20.1.2 Contributions for a new employee will be made upon him/her having completed six (6) continuous months of service. Payment will be made retroactive to his/her last in-hire date with the Company. (If this is inconsistent with IRS or other Federal regulations, the following will apply in lieu thereof: Contributions for a new employee are payable from the first day following forty-five (45) actual days worked from the date of hire.)

20.1.3 For purposes of this Article, each hour paid for, as well as hours of paid vacation, hours of paid holidays, and other hours for which pay is received by the employee, in accordance with this Collective Bargaining Agreement, shall be counted as hours for which contributions are payable.

20.1.4 Effective October 1, 1998, the maximum amount of an employee's elective tax deferred contributions into the Company's 401K Retirement Savings Plan will be the maximum allowed by the applicable Federal laws and regulations governing such plans.

ARTICLE XXI
GROUP INSURANCE

21.1 Effective 1 November 1998 the Company and the Union have agreed to replace the current group insurance plan with the National IAM Benefit Trust Fund Medical, Life, Short Term Disability, Dental and Vision benefits. (See Exhibit "M")

21.2 Effective 1 November 1999, if these insurance benefits premiums increase more than 10% per year, the employees will pay 10% of such increase (See Exhibit "M").

21.3 For employees on a Medical Leave of Absence, the Company will continue to pay it's share of the costs of the group insurance plan until the last day of the third month following the month during which the Leave of Absence was granted.

21.4 Effective October 1, 1998 all insurance premiums, coverages etc. will remain in effect. Effective 1 November 1998 the National IAM Benefit Trust Fund Medical - Co-Pay Plan, Life - \$50,000.00 coverage, Short Term Disability, Dental - Plan C and Vision - Plan IV will be in force and provided to the employees represented by this Agreement will continue in full effect. The Company will assume one hundred percent (100%) of the premium cost of these coverages for these employees and their dependents subject to Article 21.2. The Company will manage an account to assure adequate funding.

21.5 Employee coverage, while on Medical Leave of Absence, will be consistent with the provisions of the Family Leave Act.

ARTICLE XXII
JURY DUTY

22.1 Employees who are required to report for or perform jury service or service as a witness under any court subpoena, or on any day during which they are scheduled to work shall be paid for their scheduled hours at their straight time rate of pay and shall not be required to report to work that day provided the Company is given advance notice that the employee has been called for such service. Such payment may be limited to twenty (20) days in any calendar year: satisfactory proof of such service must be given to the Company before this section shall apply.

However, employees who are subpoenaed as witnesses against the Company in such legal action will be, at the Company's option, compensated for their lost time.

Any employee who is a party to legal action against the Company will not be compensated for lost time under this Article.

ARTICLE XXIII
FUNERAL LEAVE

23.1 An employee shall be granted up to three (3) days leave with pay at his/her regular base rate for absences in conjunction with a funeral due to a death in his/her immediate family provided the employee attends the funeral. In addition, the Company will allow two (2) additional days for attendance of a funeral which is over seven hundred (700) miles round trip from JSC.

For the purpose of this provision, immediate family shall mean an employee's spouse and the brother and sister of the spouse, an employee's children, brother, sister, parents, grandparents, mother-in-law, and father-in-law. Saturdays, Sundays and Holidays will be excluded for the purpose of this provision.

EXHIBIT "A"
WAGE RATES

	<u>Effective</u>	<u>Effective</u>	<u>Effective</u>
	10/1/98	10/1/99	10/1/00
LEAD MECHANIC/TECHNICIAN:	\$20.92	\$21.60	\$22.30
MECHANIC/TECHNICIAN:	\$20.15	\$20.81	\$21.49
LEAD TOOLROOM ATTENDANT:	\$15.00	\$15.49	\$15.99
TOOLROOM ATTENDANT:	\$14.50	\$14.97	\$15.46
LABORER:	\$11.04	\$11.40	\$11.77

EXHIBIT "A" (Continued)
CLASSIFICATIONS INCLUDED IN THIS AGREEMENT

Mechanical/Technical Classifications:

Cryo/Vac Mechanic*
Refrigeration Mechanic
Photo Equipment Mechanic
Reproduction Equipment Mechanic
Electronic Technician
Graphic Equipment Technician
Instrumentation Technician
Machine Tool Repairman/Hydraulics
Welder/Systems Mechanic**
Machinist
Cooling Tower/Systems Mechanic
Crane Maintenance/Systems Mechanic
Boiler/System Mechanic
PM/Oiler/Systems Mechanic
Sewing Machine/Systems Mechanic
Engine/Generator Mechanic
Equipment Fueler
Electrician

Toolroom Attendant
Laborer

- * Must have current appropriate Texas drivers license (CDL) necessary to operate required vehicle
- ** Must be currently certified or immediately certifiable in the type of welding required by the Company

ECONOMIC TERMS OF
COLLECTIVE BARGAINING AGREEMENT (CBA)
BETWEEN
BRSP
AND
IUOE, LOCAL 347

The following pages are taken from the above referenced CBA to assist contractors in proposal preparation. The pages pertain to a sampling of the economic terms (wages and fringe benefits) of the agreement. It is the contractors' responsibility to review the CBA in its entirety to ensure that the proper wages and benefits are proposed. Failure by this Agency to include any job classification, wage rate, or fringe benefit encompassed in the CBA does not relieve the terms of the CBA insofar as wages and fringe benefits are concerned. A copy of the CBA is available in the JSC Scientific and Technical Information Center.

AGREEMENT
BETWEEN
BRSP, A JOINT VENTURE

AND

INTERNATIONAL UNION OF OPERATING
ENGINEERS

LOCAL NO. 347

AFL - CIO

SEPTEMBER 1, 1998 THROUGH AUGUST 31, 2001

ARTICLE 2

RECOGNITION

2.1 Pursuant to NLRB Certification in Case No. 23-RD-350, the Company recognizes the Union as the sole and exclusive collective bargaining agency for all employees engaged in the operations and operative maintenance of the utility systems as covered in a contract between the Company and the National Aeronautics and Space Administration, Johnson Space Center (NASA/JSC) and the Sonny Carter Training Facility, Houston, Texas, whose classifications are in Exhibit "B" excluding all professional, executive, and office clerical employees, guards, watchmen and supervisors as defined in the act.

2.2 In addition, pursuant to certification in Case No. 23-4548, the Company recognizes the Union as the sole and exclusive collective bargaining agency for all Utility Control Systems Operator/Dispatchers, Utility Coordinators, and Communications Operators employed by the Company in its Utility Control Systems computer section at the NASA Johnson Space Center and the Sonny Carter Training Facility, Houston, Texas, whose classifications are listed in Exhibit "C", excluding all other employees, including the System Specialist, Electronics and Senior Systems Analysts, Clerical employees, Guards, Watchmen and Supervisors as defined in the act.

2.3 The Articles pertaining to both units referred to in 2.1 and 2.2 above are contained in Part B of this Agreement. The Articles pertaining solely to the unit referred to in 2.1 above are contained in Part C. The Articles pertaining solely to the unit referred to in 2.2 above are contained in Part D.

2.4 The scope of this Agreement covers work assigned by NASA/JSC to the Company and performed by the employees of the Company covered by this Agreement within the plant limits of the Johnson Space Center and the Sonny Carter Training Facility located in Harris County, Texas.

ARTICLE 23

OVERTIME

23.1 Premium pay at the rate of one and one half (1-1/2) times the employees regular hourly rate of pay shall be paid:

- (a) For all hours worked in excess of eight (8) hours in any work day.
- (b) For all hours worked in excess of forty (40) hours in any one week.
- (c) For all hours worked outside the employee's regularly scheduled shift.
- (d) For all hours worked continuous with and in excess of eight (8).

23.2 Premium pay at the rate of twice (2 times) the employee's regular hourly rate of pay shall be paid:

- (a) For all hours worked on the employee's second scheduled day off in a work week.
- (b) For all hours worked on an employee's single scheduled day of rest when the employee is scheduled six (6) days within a work week.

23.3 When an employee is required to work more than two (2) hours of unscheduled overtime beyond his regularly scheduled shift the Company will arrange either to have him/her receive one (1) hot meal or give him/her \$6.50 in lieu of the meal. This provision will be repeated after each four (4) hours of overtime thereafter. In addition any employee called to work with less than two (2) hours notice shall be provided an overtime allowance of \$6.50 two hours after reporting and each four (4) hours thereafter so long as he/she continues to work including hours during an employee's regular shift.

23.4 The work week for rotating shift employees shall begin 7:00 a.m. Sunday. The work for all others shall begin 7:00 am. Monday.

ARTICLE 24

HOLIDAYS

24.1 The following ten (10) days shall constitute the local holidays within the terms of this Agreement, except mutually agreed to changes with the parties.

New Year's Day (January 1st)
Martin Luther Kings' Day
Washington's Birthday
Memorial Day
Independence Day (July 4th)
Labor Day
Columbus' Day
Veteran's Day (November 11th)
Thanksgiving Day
Christmas Day (December 25th)

24.2 Holidays for rotating shift employees shall be observed on the actual.

24.3 For straight day employees, holidays falling on Sunday will be observed on the following Monday and those falling on Saturday will be observed on the preceding Friday.

24.4 The Company agrees to pay employees at their regular rate of pay for eight (8) hours on each of the ten (10) holidays per year. The eight (8) hours paid for a holiday shall be treated as hours worked for the purpose of computing overtime. The ten (10) holidays to be recognized shall be the holidays as observed by NASA/JSC. If the number of paid holidays observed by NASA/JSC under existing policy are increased in number, such additional holiday or holidays shall be recognized and paid for in accordance with this agreement.

24.5 Hours worked on a holiday will be compensated at the rate of one and one half (1-1/2) times the employee's regular hourly rate of pay for the regularly scheduled hours of work. All hours worked out of schedule will be compensated at the rate of two and one half (2-1/2) times the employee's regular hourly rate of pay.

24.6 An employees shall not be eligible for holiday pay without working if he/she fails to work both (1) his/her last regular shift prior to, and (2) his/her regular shift after such holiday; except under the following conditions:

24.6.1 If excused by the Company. If an absence is excused before the holiday, the employee's immediate Supervisor will approve the absence in writing.

24.6.2 If laid off on the work day preceding or following the holiday;

24.6.3 Bonafide illness or accident (and in case of doubt the matter will be decided by consultation between the employee's doctor and the company's doctor);

24.6.4 Absence in accordance with Article 28 Jury Duty;

- 28 -

24.6.5 Absence because of death in immediate family as set forth in Article 29 Funeral Leave;

24.6.6 If an industrial accident occurs on the day of, or the day after a holiday, resulting in the employee being absent on part of that day he/she shall nevertheless be paid for the holiday.

24.7 The employee shall be entitled to pay for that time not worked on one basis but not on more than one basis, for example, being on jury duty on a recognized holiday.

24.8 An employee who is instructed to work his regularly scheduled hours on a holiday, but who fails to report and does not have an acceptable excuse, will receive no pay for the holiday; it being agreed that this provision does not apply to an employee requested to work on a call-in. Disputes as to whether an excuse is acceptable shall be subject to the grievance and arbitration provisions of this Agreement.

ARTICLE 25

VACATION

- 25.1 Employees will accrue vacation as follows:
- 25.1.1 If in the employ of the Company for less than one year, 10/12ths of one workday for each month of service.
 - 25.1.2 If in the employ of the Company for one year, but less than five years, 10/12ths of one workday for each month of service each year.
 - 25.1.3 If in the employ of the Company for five years, but less than 13 years, 15/12ths of one workday for each month of service each year.
 - 25.1.4 If in the employ of the Company for 13 years or more, 20/12ths of one workday for each month of service each year.
- 25.2 For purposes of determining eligibility for vacation accrual seniority as defined in 35.1 and 44.1 will apply.
- 25.3 If an employee resigns or is laid off because of a reduction of force or is on a ninety (90) day or more leave of absence, he/she shall be paid for any unused accrued vacation.
- 25.4 Employee accrue vacation time during the period they are on pay status, including sick or military leave.
- 25.5 The pay for each week of vacation shall be forty (40) times the employee's hourly rate of pay at the time the vacation is taken.
- 25.5.1 A vacation pay advance will be given if a request for pay is received two (2) weeks in advance of the date scheduled for the commencement of the vacation.
 - 25.5.2 A rotating shift employee may, if he/she wishes, arrange for two additional days off without pay for each five (5) days vacation so long as the additional time off is in conjunction with the vacation.
- 25.6 New hired employee on or before the 15th of the month will accrue vacation for the month, if hired after the 15th, the accrual will began the following month.
- 25.6.1 Employees will not accrue vacation for the final month of employment unless the separation date is after the 15th of the month.

25.7 VACATION PERIOD: Vacation for which an employee is eligible as of any October shall be taken prior to the following September 30.

25.7.1 Vacation started during the vacation period shall be considered as taken, if it does not affect the seniority rights of another employee for the following year.

25.7.2 Vacation shall be taken and not be carried over to the following period.

25.8 VACATION SCHEDULE: The company shall post a vacation schedule on the bulletin board on September 1st of each year, the schedule will remain posted through September 30th of each year.

25.8.1 Employees shall schedule vacation during the month of September prior to the start of the vacation period.

25.8.2 Vacation shall be scheduled by seniority by shift. Employees having the greatest seniority will be giving first choice in requesting the time of vacation

25.8.2.1 If more employees request a vacation date than can be permitted off at one time, the senior employee's choice will be given preference except for the second week of a split vacation.

25.8.2.2 If an employee desires to reschedule his vacation, such an employee may not exercise his seniority right with respect to any other employee who has already designated his vacation preference.

25.8.2.3 If an employee is moved from one shift to another at the request of the Company, he/she will be allowed to carry his/her vacation assignment, or he/she may pick his/her vacation from the open periods on the shift to which moved.

25.9 SCHEDULED VACATION: Vacation taken in weekly periods.

25.9.1 No more than one Operator at a time may schedule vacation for a given period.

25.9.2 Vacations may be extended one work day for each observed holiday falling within the vacation period, at the option of the employee.

25.9.3 Relief Operators, if qualified, will be normally used to replace employees on vacation.

25.10 UNSCHEDULED VACATION: "BANK DAYS" - Employees may set aside vacation days for use on a daily basis or in more than one day increments as follows:

- a. Employees with ten (10) years or more service may set aside ten (10) "bank days"
- b. Employees with less than ten (10) years service may set aside five (5) "bank days"

25.10.1 Vacation request for "bank days" may not be made prior to 0700, ten(10) days prior to the requested vacation.

25.10.1.1 If more than one request is made for "bank days" within the allowed ten (10) days period by Operators on the same shift, the Operator who turned in the request first will have his request considered first in accordance with other provisions of this article (Note: The supervisor will date and time each request and return a copy to the employee immediately upon receipt.)

25.10.2 Vacation request for "bank days" may be made two (2) days prior to the requested vacation, provided no employee on that shift is on vacation.

25.10.3 It will be permissible for one (1) person per shift to take one or more bank vacation days. A second person may also take a vacation bank day(s) if overtime is not required.

25.10.4 No more than three (3) "bank days" may overlap the scheduled vacation of another Operator.

25.10.5 Except for emergencies, "bank day" vacations are not to be approved if the company determines that overtime will result, or that the anticipated shift operations work load (mission support operations, special outage support, etc.) requires the Operators to be present. Emergencies must be documented by employees upon return to work.

25.11 The company and the union agree that jobs must be filled by fully qualified employees during flights and critical periods. During those periods of time scheduled vacation may be suspended. Any employee whose scheduled vacation is so suspended may reschedule same at a time of the employee's choice.

ARTICLE 26

GROUP INSURANCE

The Group Health, Life, and Weekly Income Insurance Plans presently in force and available to employees represented by this Agreement will continue in full effect. The Company will assume ninety percent (90%) of the cost of the Group Health and Weekly Income Insurance Plans with the employee assuming ten percent (10%) of the cost and fifty percent (50%) of the cost of the Life Insurance Plan. Effective January 1, 1996, the Company will contribute \$5.213 per hour (40 hours/week) to fund Life, Weekly Income Insurance and Health coverages. The Company will manage this account and sub-accounts to assure adequate funding of each. The Collective Bargaining Agreement will be updated on an annual basis as to current cost of group insurance benefits.

ARTICLE 27

PAID SICK LEAVE

27.1 Sick leave is provided by the company for wage continuation in the event that an employee is, through illness, unable to perform his work. This provision shall apply to absences due to illness or recuperation from non-industrial injuries. Worker's Compensation covered illness and/or injuries are excluded from this coverage. Pay compensations provided herein are intended only to provide wage continuation within the described limits provided during such absences and are not intended to be used for the purpose of lump sum payment in lieu of wage continuation.

27.2 Employees will accrue sick leave at the rate of eight (8) hours for each month of service. Sick leave accrual for any one employee shall not exceed nine hundred (900) hours.

27.3 A month of service, for the purpose of this section, shall be defined as actual time on the active payroll no less than the first day through the 15th day of any calendar month or the 16th day through the last day of any calendar month.

27.4 A claim for sick pay must be made by the employee to his supervisor. The employee must supply, if requested, a statement from a doctor verifying that an absence was due to illness of the employee. Statements from a doctor will not normally be required for absences of three work days or less. When such statements will be required for said short absences by an employee, the employee shall be so notified in advance and in writing. Any employee placed on a letter of restriction for absence(s) shall not be paid for the first work day of absence unless the illness or accident requires hospitalization of the employee. Payments of sick leave under this Article shall be computed at the straight time hourly rate the employee would have received on the day or days of absence. The employee may elect to liquidate accrued sick leave at the rate of one-half per day.

27.5 If an employee is laid off, all unused sick pay hours accrued by him/her up to the time of his layoff will be credited to him/her on the date of recall from layoff. After two (2) years from the time of layoff, such employee will forfeit credited sick leave.

27.6 Any employee covered under this bargaining agreement may give unused paid sick leave hours from his/her sick pay account on the following terms.

- 1) The employee donating sick leave from his/her sick pay account, must have at least four hundred (400) hours of unused sick pay in his/her sick pay account at the time of the donation.
- 2) No employee may donate more than 40 sick pay hours per year to other employees

- 3) The employee that will receive the donation must have had a minimum of four hundred (400) hours of unused sick pay in his/her account when the employee began to deplete his/her account.

The depletion of the employee's account must have been in a continuous duration without return to work. Time lost that is due to a major debilitating disease or accident which allowed the employee to return to work for short periods of time may be exempt from the continuous duration requirement at the company's option.

- 4) The donation of paid sick leave will not take place until the receiving employee has exhausted all paid sick leave and all vacation in his/her sick pay and vacation accounts.
- 5) Donated paid sick leave must be liquidated in full workday increments. The one half per day provision in this article (27.4) will not apply to donated paid sick leave.
- 6) The company will select which donor employee's sick leave will be used first when there are multiple donors.

27.7 In the event an employee is laid off in a reduction in force expected to last ninety (90) days or more, the employee will be eligible to be paid for one-half (1/2) of the employee's accrued unused sick leave pay hours up to a maximum of one hundred and twenty (120) hours. Sick leave paid off will not be credited to an employee's account should the employee be recalled. However, should the reduction in force result from work going to a Successor Contractor, any employee hired by the Successor Contractor will be ineligible to receive sick leave pay as established herein, if the Contractor assumes the employee's accrued sick leave bank.

At the time that an employee retires, at sixty-two (62) years or older, the employee will be paid for one-half (1/2) of unused sick leave pay hours.

ARTICLE 28

LEAVE OF ABSENCE

28.1 Time spent on leave of absence shall not count for sick leave or vacation, accrual or pay review.

28.2 Notwithstanding other provisions of this Agreement, time spent on a leave of absence occasioned by an industrial injury shall not affect the employee's wage review period to the extent that such wage review is automatic.

28.3 Upon written request from the Business Manager, One (1) employee shall be allowed up to two (2) years leave of absence to work for the local or International Union. The employee shall continue to accrue seniority for the two years. If the employee does not return after two years, his employment will be terminated along with all seniority and benefits.

ARTICLE 29

JURY DUTY

29.1 Employees who are required to report for or perform jury service or service as a witness under any court subpoena, on any day during which they are scheduled to work shall be paid for their scheduled hours at their straight time rate of pay less the amount received as jury or witness pay and shall not be required to report to work that day provided the company is given advance notice that the employee has been called for such service. Such payment may be limited to thirty (30) days in any calendar year; satisfactory proof of such services must be given to the company before this section shall apply.

29.2 The payment of wages under this article for day shift and afternoon shift employees will be limited to those scheduled straight time work hours that fall within the calendar day of the court appearance. Employees whose regularly scheduled straight time work hours on the day of the court appearance includes the midnight commencing the calendar day will be paid for that shift only. Under no circumstances will an employee be eligible for compensation of more than one shift per day of court appearance or compensation for a midnight shift that directly follows a court appearance.

ARTICLE 30

FUNERAL LEAVE

30.1 An employee shall be granted three (3) days leave with pay at his regular base rate for absences in conjunction with a funeral due to a death in his immediate family provided the employee attends the funeral. In addition, the Company will allow two (2) additional paid days for attendance of a funeral which is over five hundred (500) miles round trip from JSC. For the purpose of this provision, immediate family shall mean the grandparents of the employee or his spouse, and the employee's spouse, and employee's children, brother, sister, parents, mother-in-law, father-in-law and grandchildren. Off days, and holidays will be excluded for purposes of this provision.

ARTICLE 32

PENSION PLAN

32.1. Commencing February 1, 1976, and for the duration of this Collective Bargaining Agreement and any renewals or extensions thereof, the Company agrees to make payments to the Central Pension Fund of the International Union of Operating Engineers for each employee covered by this Collective bargaining Agreement as follows:

32.1.1 The Company shall make a contribution of \$.30 per hour to the above named program on the basis of eight (8) hours a day up to a maximum of 40 hours per week for each week the employee is receiving any wage compensation either directly from the Company or as a result of the Weekly Insurance Plan provided under this Agreement, or a monthly contribution based on the annual monthly average of 173 hours a month.

32.1.2 Contributions for a new employee are payable from the first day following the completion of his probationary period.

32.1.3 Payments to the Program are due by the twentieth day of the month for which contributions are payable.

32.1.4 Commencing on September 1, 1982 the Company shall make a contribution of \$.75 per hour as prescribed above.

32.1.5 Commencing on September 1, 1983 the Company shall make a contribution of \$.85 per hour as prescribed above.

32.1.6 Commencing on September 1, 1986, the Company shall make a contribution of \$1.00 per hour as prescribed above.

32.1.7 Commencing on February 1, 1988, the Company shall make a contribution of \$1.05 per hour as prescribed above.

32.1.8 Commencing on August 1, 1989, the Company shall make a contribution of \$1.10 per hour as prescribed above.

32.1.9 Commencing on February 1, 1990, the Company shall make a contribution of \$1.15 per hour as prescribed above.

32.1.10 Commencing on September 1, 1993, the Company shall make a contribution of \$1.25 per hour as prescribed above.

32.1.11 Commencing on September 1, 1994, the Company shall make a contribution of \$1.30 per hour as prescribed above.

32.1.12 Commencing on September 1, 1995, the Company shall make a contribution of \$1.35 per hour as prescribed above.

32.1.13 Commencing on September 1, 1996, the Company shall make a contribution of \$1.50 per hour as prescribed above.

32.1.14 Commencing on September 1, 1997, the Company shall make a contribution of \$1.60 per hour as prescribed above.

32.1.15 Commencing on April 1, 1999, the Company shall make a contribution of \$1.75 per hour as prescribed above.

32.1.16 Commencing on September 1, 1999, the Company shall make a contribution of \$1.90 per hour as prescribed above.

32.1.17 Commencing on September 1, 2000, the Company shall make a contribution of \$2.10 per hour as prescribed above.

ARTICLE 41

HOURS OF WORK

41.1 Straight Day Work - Lab Technicians and Environmental Operators working the Straight Day schedule or afternoon shift will require eight (8) hours of work, from 7:00 am. to 3:30 p.m., with 30 minutes for lunch. Straight Day and afternoon workers shall work Monday through Friday with Saturday and Sundays as off days except for week-end coverage in the labs where two consecutive days off may be established by mutual consent of the Company and Union.

41.2 Straight Day Work - Operations - Workers assigned to operations on the day shift shall work a schedule which requires eight (8) hours of work from 7:00 am. to 3:00 p.m. Monday through Friday with Saturday and Sunday as off days, except for weekend coverage when two consecutive days off may be established by mutual consent of the Company and the Union.

41.3 Straight Afternoon Shift - Operations - Workers assigned to operations on the afternoon shift shall work a schedule which requires eight (8) hours of work from 3:00 p.m. to 11:00 p.m. Monday through Friday with Saturday and Sunday as off days, except for weekend coverage when two consecutive days off may be established by mutual consent of the Company and Union.

41.4 Rotating Shift Work - The schedule for rotating shift work shall be the schedule shown in Exhibit "A", Rotating Schedule. Employees so assigned shall work eight (8) consecutive hours per day and shall rotate in accordance with the schedule. Shifts shall be from 7:00 am. to 3:00 p.m.; from 3:00 p.m. to 11:00 p.m.; and from 11:00 p.m. to 7:00 am. Employees shall not report to work more than fifteen minutes before the time they are scheduled for the start of their shift unless they are requested to report early for overtime work. The names of employees assigned to rotating shift work will be published showing shift rotation and days off.

41.5 Shift differentials shall be added to the earnings of the employees required to work during the hours indicated in the following schedule for each hour worked during such period:

Effective September 1, 1981

Daywork	- No differential
Afternoon Shift	- \$.50 differential
Night	- \$1.00 differential

41.6 If the job conditions dictate a change in the established starting time the Company and the Union shall mutually agree to such changes. If no agreement can be reached between the parties, the Union may appeal the Company decision through the Grievance and Arbitration procedures with the matter to be determined on merit.

EXHIBIT "B"

WAGE RATES

The following rates of pay shall be effective on the dates indicated and thereafter for employees covered by this Agreement:*

Classification:	OPERATORS		
Effective Date:	<u>9/1/98</u>	<u>9/1/99</u>	<u>9/1/00</u>
	\$19.98*	\$20.58	\$21.20

*To be paid April 1999 at the beginning of Employer's contract year.

- 1) Laboratory Technicians will receive a premium of forty cents (\$.40) per hour Over the highest rate being paid for employees in the Operator classification.
- 2) Chief Operator will receive a premium of sixty-five cents (\$.65) per hour over the highest rate being paid for employees in the Operator's classification.
- 3) Training Chief Operators will receive a premium of \$1.85 per hour over the Highest rate being paid for employees in the Operator's classification.

EXHIBIT "C"

WAGE RATES

The following rates of pay shall be effective on the dates indicated and thereafter for employees covered by this Agreement:*

Effective Date:	<u>9/1/98</u>	<u>9/1/99</u>	<u>9/1/00</u>
Classification:			
UTILITY CONTROLS SYSTEM OPERATOR/DISPATCHER	\$20.48*	\$21.09	\$21.72
UTILITY COORDINATOR	\$19.98*	\$20.58	\$21.20

***To be paid April 1999 at the beginning of Employer's contract year.**

EXHIBIT "Y"
APPRENTICE WAGE RATES

Operator	Current	<u>9/1/98</u>	<u>9/1/99</u>	<u>9/1/00</u>
	Start	\$14.99	\$15.44	\$15.90
	6 mo	\$16.24	\$16.72	\$17.22
	12 mo	\$17.48	\$18.01	\$18.55
	18 mo	\$18.73	\$19.30	\$19.87
	24 mo	\$19.98	\$20.58	\$21.20
UCS Operator		<u>9/1/98</u>	<u>9/1/99</u>	<u>9/1/00</u>
	Start	\$15.36	\$15.82	\$16.29
	6 mo	\$16.64	\$17.14	\$17.65
	12 mo	\$17.92	\$18.45	\$19.01
	18 mo	\$19.20	\$19.77	\$20.37
	24 mo	\$20.48	\$21.09	\$21.72

ECONOMIC TERMS OF
COLLECTIVE BARGAINING AGREEMENT (CBA)
BETWEEN
BRSP
AND
GENERAL PRESIDENTS' PROJECT MAINTENANCE
AGREEMENT – CONSTRUCTION BUILDING TRADES

The following pages are taken from the above referenced CBA to assist contractors in proposal preparation. The pages pertain to a sampling of the economic terms (wages and fringe benefits) of the agreement. It is the contractors' responsibility to review the CBA in its entirety to ensure that the proper wages and benefits are proposed. Failure by this Agency to include any job classification, wage rate, or fringe benefit encompassed in the CBA does not relieve the terms of the CBA insofar as wages and fringe benefits are concerned. A copy of the CBA is available in the JSC Scientific and Technical Information Center.

JOHN T. JOYCE, 1st Vice President
 JOHN R. SMITH, 2nd Vice President
 EARL W. FERGUSON, 3rd Vice President
 W. J. SANCHEZ, 4th Vice President
 WILLIAM G. BERNARD, 5th Vice President
 JANE WEST, 6th Vice President



FRANK HANLEY, 7th Vice President
 JOHN N. RUSSELL, 8th Vice President
 RON CAREY, 9th Vice President
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 ARTHUR MOORE, 12th Vice President
 DOUGLAS J. MCCARTHOON, 13th Vice President
 JOHN J. DOUGHERTY, 14th Vice President
 MARTIN J. MADOLONE, 15th Vice President

Building and Construction Trades Department

AMERICAN FEDERATION OF LABOR — CONGRESS OF INDUSTRIAL ORGANIZATIONS
 1155 FIFTEENTH ST., N.W., 4TH FLOOR • WASHINGTON, D. C. 20005-2707

(202) 347-1461

FAX (202) 421-6774
 June 11, 1997

EMPLOYEE RELATIONS
 RECEIVED

JUN 17 1997

Mr. Arnold J. Palmer

BISP

P.O. Box 3 4100 Clinton Dr.
 Houston, Texas 77001-3003

Subject: Revised General Presidents' Project
 Maintenance Agreement (Blue Book)

Mr. Palmer:

The Joint Labor/Management Interpretations Committee, representing the General Presidents' Committee and the Associated Maintenance Contractors, has revised the General Presidents' agreement to be effective July 1, 1997. The revisions are mostly the language taken from the Joint Labor/Management Interpretations Bulletins that has been used in the administration of the agreement. The only new language appears in Article IX new paragraph 3 on page 10 of the draft agreement.

I have enclosed a copy of the newly revised agreement which will show the language taken from the General Presidents' Agreement Bulletins in italics and new language in bold print. We are asking each signatory contractor to sign an assent form which will indicate acceptance of the language changes and return same to this office immediately.

Copies of the new agreement will be available within three to four weeks and will be made available to all interested parties upon request.

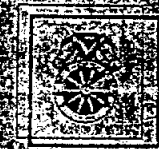
If you have any questions concerning this matter please contact our office immediately.

Sincerely,

Thomas H. Owens
 Thomas H. Owens
 Administrator

THO:rmk

cc: General Presidents' Committee



GENERAL PRESIDENTS
PROJECT MAINTENANCE AGREEMENT

Developed by General Presidents Committee

September 1956

Revised by General Presidents Committee

September 1960, June 1970 and October 1972

Approved November 28, 1972

Additions to Article VI and Article XII

September 1, 1975

Revised by General Presidents Committee

January 1, 1983

PROJECT MAINTENANCE AGREEMENT BY CONTRACT

This Agreement is entered into this 14th day of February
19 97, by and between BRSP
(Contractor)
located in Houston, Texas and those INTERNATIONAL
UNIONS OF THE AFL-CIO listed hereinafter (herein referred to as the "Unions")
for the purpose of project maintenance, repair and renovation work for the
NASA Johnson Space Center located at
(Project)
Houston, Texas
(Location)

The Unions are composed of the following International Unions of the AFL-CIO:

International Association of Heat and Frost Insulators and Asbestos Workers

International Brotherhood of Boilermakers, Iron Ship Builders, Blacksmiths, Forgers and
Helpers

International Union of Bricklayers and Allied Craftsmen

United Brotherhood of Carpenters and Joiners of America

Operative Plasterers' and Cement Masons' International Association

International Brotherhood of Electrical Workers

International Association of Bridge, Structural and Ornamental Iron Workers

Laborers' International Union of North America

International Union of Operating Engineers

International Brotherhood of Painters and Allied Trades

United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting
Industry of the United States and Canada

United Union of Roofers, Waterproofers and Allied Workers

Sheet Metal Workers' International Association

International Brotherhood of Teamsters, Chauffeurs, Warehousemen and Helpers

COVENANTS

Whereas, the Contractor is engaged in the business of continuous plant maintenance, repair and renovation (as defined in Articles V and VI) with diversified industries and this work is of importance to the Unions herein listed, and it being recognized there is an essential difference in the conditions required to perform this type of work, the Unions herein listed with the Contractor wish to enter into an agreement for their mutual benefit covering work of this nature.

Whereas, the Unions have in their membership throughout the area members competent and qualified to perform the work of the Contractor.

Whereas, the Contractor has employed and now employs members of the Unions and the Contractor has a commitment and/or contract from the owner for maintenance, repair and renovation work recognized by the Unions of the AFL-CIO as being within the jurisdiction of said Unions. (Subject to General Presidents' Committee policies and criteria.)

Whereas, in order to insure relative equity and uniform interpretation and application, the Unions wish to establish and administer said Collective Agreement in concert, each with the other, and all with the Contractor.

Whereas, the Contractor and the Unions desire to mutually stabilize wages, hours and working conditions.

Whereas, the Contractor and the Unions agree that, due to the particular nature of the work covered by this Agreement, there shall be no lockouts or strikes during the life of this Agreement, and provisions must be made to achieve this end.

It is, therefore, agreed by the undersigned Contractor and Unions in consideration of the mutual promises and covenants contained herein that the Project Agreement be made as follows:

ARTICLE XI: LOCAL UNION REPRESENTATIVES

SECTION I: Officials of any of the signatory Unions shall be provided access to projects covered by this Agreement. Requests shall be arranged through the Contractor for such visitations in keeping with Owner's uniform rules of safety and security as expeditiously as possible. Each Local Union shall designate one (1) official as its representative and so inform the Contractor.

SECTION II: If relations between the Local Union Representative and the Contractor become non-cooperative, the Contractor may request the Administrator of the General Presidents' Committee on Contract Maintenance to investigate the circumstances and take the necessary action to keep this Agreement enforced in good faith. Continuing problems will be resolved by the General Presidents' Committee on Contract Maintenance and the Contractor's representatives.

ARTICLE XII: WAGE RATES AND PAYDAY (Bulletin #016)

1. Wage rates may be established by the General Presidents' Committee in the respective area or locality in which this Agreement is effective and shall be specified in Schedule "A" attached hereto (Bulletins #036A & #037)

2.A. Fringe benefits as negotiated in local and/or National working agreements shall be paid in addition to wage rates as specified in Schedule "A". This includes welfare funds, apprentice training funds, pension funds, and other monetary funds. Construction industry promotional funds are not applicable under terms of this Agreement (Bulletins #006, #008 & #017)

B. In addition, each Contractor performing work under this Agreement shall be required to contribute to the General Presidents' Project Maintenance Agreement by Contract Labor-Management Trust Fund. Such contributions shall be made on an annual basis. The amount to be contributed shall be determined by the Fund Trustees.

Payment shall be made within thirty (30) days of notification by the General Presidents' Committee on Contract Maintenance to the Contractor of the amount owed.

The failure of the Contractor to comply with the provisions of this paragraph shall

constitute a breach of the Agreement, and any such debt due and owing to the Fund may be recovered by suit, initiated by the Fund or its assignee.

3. For purposes of this Agreement, wage premiums established under local and/or national agreement affecting maintenance, repair or renovation work such as hazard pay, acid pay, high or low work and other similar premiums shall not be applicable to this Agreement. (Bulletins #015 & #035)

Under the terms of this Agreement, no subsistence, travel allowance, mileage, or pay for travel time will be paid to any employee.

When zone type wage structures are established in the area of the project, the project for the purposes of this Agreement will be considered as if it was within the area of the base zone rate.

4. After the Contractor's operation has commenced in any particular area, no subsequent change in wages or working conditions in such area will become effective insofar as the Contractor is concerned, except to the extent that any such change in wages or working conditions shall have been agreed upon and in accordance with the effective date agreed upon in negotiations between the Local Union having jurisdiction over the area and a recognized bargaining agency of contractors in such area.

5. It is further agreed that at the implementation of a new project or any major change in policy on an existing project a pre-job meeting will be held jointly by the General Presidents' Committee on Contract Maintenance, the crafts involved and the contractor's representatives. Minutes of this meeting will be made available to all concerned for guidance in the administration of the project.

6. Wages will be paid weekly. The payroll period to close so that no more than three (3) days will be held back and payments to be made before the end of the employee's shift. (Bulletin #007)



GENERAL PRESIDENTS'
PROJECT MAINTENANCE AGREEMENT
BY CONTRACT
JOINT LABOR/MANAGEMENT
INTERPRETATIONS COMMITTEE



Bulletin # 006

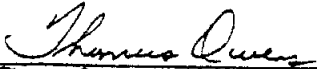
Reference: Article XII, Section 2

Subject: Wage Rates and Payday - Computations of fringe benefit contributions

Statement
of
Policy:

1. Payments to local union Health, Welfare and Pension funds shall be made in accordance with the provisions of the local and/or national union's agreements.
2. Where the local union agreement provides for payment of benefits based on hours worked, it is understood that when shift work is involved which provides eight (8) hours pay for a shift of less than eight (8) hours (see Article XV), payments shall be made to said funds on the basis of eight hours per shift, provided a full shift is worked.

For the Joint Interpretations Committee


Thomas Owens, Administrator
General Presidents' Project Maintenance
Agreement by Contract

June 15, 1978
Date of Revision

ARTICLE XIII: TWENTY-FOUR (24) HOUR RULE AND MEAL ALLOWANCE

All time worked before and after the regularly established shift hours in any twenty-four (24) hour period or on the sixth (6th) day shall be paid at the rate of time and one-half. All time worked on the seventh (7th) day and holidays shall be paid at the rate of double time. Any employee working overtime beyond his/her shift shall be paid overtime.

Meal Allowance

When an employee is required to work more than two (2) hours of unscheduled overtime beyond his regularly scheduled shift the Contractor will arrange either to have him receive one (1) hot meal or give him \$8.00 in lieu of the meal. This provision will be repeated after each four (4) hours of overtime thereafter. (Bulletin #0095)

ARTICLE XIV: DAY WORK SCHEDULES (Bulletins #010 & #022)

1. The standard work day shall be an established consecutive eight (8) hour period between the hours of 7 a.m. and 5 p.m. exclusive of a thirty (30) minute lunch period. Forty (40) hours per week shall constitute a week's work Monday through Friday inclusive.

On any project when the job conditions dictate a change in the established starting time and/or a staggered lunch period on certain work of the project or with individual crafts, the Contractor and the Local Unions involved shall mutually agree to such changes. (Bulletin #029)

(a) If work schedule change cannot be mutually agreed to between the Contractor and the Union or Unions involved, the hours fixed in the Agreement shall prevail. However, the parties involved shall have the prerogative of calling on the Committee as a whole to request such change; requests shall be in writing; the Committee's decision shall be final.

2. All time before and after the established work day of eight (8) hours, Monday through Friday, and all time on Saturday shall be paid for at the rate of time and one-half. All time on Sundays and the holidays stated in Article XIX shall be paid for at the rate of double time. (Bulletin #026)

ARTICLE XV: STAGGERED WORK WEEK

Facilities requiring continuing maintenance on a seven (7) day basis can be established.

When a seven (7) day staggered work week is established, it is understood that the employees shall receive two (2) consecutive days off in lieu of Saturday and Sunday. If the employee works either of these two (2) days, the first regularly scheduled day off he/she shall receive time and one-half his/her regularly established rate; when an employee works his/her second day off, he/she shall receive two times his/her regularly established wage rate. All other overtime payment shall be consistent with the terms of this Agreement. Within the concept of the staggered work week a second (2nd) shift may be established. Employees working on such second (2nd) shift shall work seven and one half (7-1/2) hours and receive eight (8) hours pay. Employees working on third (3rd) shift shall work seven (7) hours and receive eight (8) hours pay.

ARTICLE XVI: TEMPORARY SHIFT WORK CONDITIONS (Bulletins #011A, #023 & 032)

1. When so elected by the Contractor, multiple shifts on a temporary basis of at least three (3) consecutive work days duration may be worked. When two (2) or three (3) shifts are worked, the first (1st) or day shift shall be established on an eight (8) hour basis, the second (2nd) shift shall be established on a seven and one-half (7-1/2) hour basis, and the third (3rd) shift shall be established on a seven (7) hour basis. NOTE: See Appendix for shift schedule.

Any violation of the temporary shift provisions to circumvent the regular overtime provisions of this Agreement by unnecessary fluctuation of the three (3) consecutive work day provision then all employees on such shifts will be paid at the appropriate overtime rate.

The determination of the start of multiple shifts is the prerogative of the Contractor. If it is necessary to use employees from a previous shift within a twenty-four (24) hour period, overtime provisions of Article XIV, Paragraph 1, shall apply and will be considered the beginning of the three (3) consecutive work days. (Bulletin #025 & #031)

2. The pay for the second (2nd) and third (3rd) shifts shall be equivalent of eight (8) times the employee's straight time hourly rate.

ARTICLE XVII: PERMANENT SHIFT WORK CONDITIONS

1. A four cycle shift system will be operated only when the work is considered to be a permanent nature. The names of those workers employed on permanent shifts will be published showing shift rotation and the working shift or days off for each worker for a period of at least three (3) months.

2. The permanent shift rate premium for the afternoon shift will be \$0.25 per hour, and the permanent shift rate premium for the night shift will be \$0.50 per hour.

3. The standard work day shall be eight (8) hours of continuous employment, including lunch period. Forty (40) hours per week shall constitute a week's work. All time worked in excess of eight (8) hours per work day shall be paid at the applicable overtime rate. If a regularly scheduled day off is worked, the first day shall be paid at the rate of time and one-half and the second scheduled day off worked shall be paid at the rate of double time.

4. The days off for permanent shift workers shall be two (2) consecutive days per week in lieu of Saturday and/or Sunday.

5. When permanent shifts are to be reduced or cancelled, the Unions shall be given at least three (3) days notice in writing.

ARTICLE XVIII: HOLIDAYS (Bulletins #012 & #038)

1. The following seven (7) days shall constitute the legal holidays within the terms of this Agreement, except mutually agreed to changes with the Committee:

New Year's Day
Washington's Birthday
Memorial Day
July 4th
Labor Day
Thanksgiving Day
Christmas Day

2. If any of the above holidays fall on Sunday, Monday shall be observed as the holiday; if any of the above holidays fall on Saturday, Friday shall be observed as the holiday. For premium purposes, holidays celebrated as such shall be utilized for the computation for overtime pay.

ARTICLE XIX: REPORTING TIME AND CALL-INS

1. Reporting Pay (Bulletins #020 & #034)

When an employee or new hire reports to work on any shift between the established hours of his/her regular work and is not given the opportunity to work because none was available and was not notified before the completion of the previous day's work, he/she shall be paid two (2) hours reporting time.

When employees start to work they shall be paid not less than four (4) hours and if they work beyond the four (4) hours, they shall be paid for actual time worked. It shall be the Contractor's prerogative whether or not to stop work.

If an employee refuses to start or stops work on his/her own volition, the minimum set forth herein shall not apply.

2. Call-Ins (Bulletins #027 & #030A)

A Call-in shall be defined as notification to report for work by whatever means to an employee for work outside of his/her regular shift or regularly scheduled day off or holiday.

Call-ins as defined above shall be paid in accordance with one of the following categories:

(a) A Call-in prior to and continuous with an employee's normally scheduled shift shall be paid for on the basis of hours actually worked at the applicable overtime rate.

(b) When an employee is called in to work at or after the established starting time on Saturday, Sunday, scheduled day off or holidays, he/she shall be paid not less than four (4) hours at the applicable overtime rate for that day except when his/her call-in is prior to and continuous with his/her normal work hours.

GENERAL PRESIDENT'S PROJECT AGREEMENT							
	<u>Current</u>		<u>Foreman Differential</u>				
	<u>Rate</u>	<u>Date</u>	<u>Per Hour</u>	<u>H & W</u>	<u>Pension</u>	<u>Other</u>	<u>Vacation</u>
Asbestos Workers	\$17.59	04/01/01	1.00	3.04	3.01	0.15	1.00
Carpenters	\$20.93	04/01/01	1.00	2.51	1.32	0.16	
Roofers	\$15.48	04/01/01	1.13	1.75	0.85		0.50
Millwrights	\$21.29	04/01/01	1.00	2.51	1.32	3.31	
Electrical : Linemen	\$22.31	04/01/01	1.98	2.20	4.35	0.78	
Electrical: Wiremen	\$19.60	04/01/01	F1 .98, F2 1.57, GF 2.94	2.51	2.67	0.87	
Iron Workers	\$19.59	04/01/01	1.25	1.90	1.00	1.34	
Laborers	\$15.29	04/01/01	1.05	1.23	1.01	0.22	
Painters	\$14.66	04/01/01	F .25, GF .50	2.45	1.95	0.34	
Pipefitters	\$21.71	04/01/01	F1 1.00, F2 1.74, GF 2.82	2.90	4.20	0.26	
Plumbers	\$20.97	04/01/01	1.25	2.45	2.65	2.02	
Operator, Heavy Equip.	\$20.45	04/01/01	0.75	2.20	2.40	0.30	
Sheetmetal Workers	\$21.30	04/01/01	F .75, GF 1.25	2.87	2.50	0.50	
Teamsters:							
Material Checkers	\$17.23	04/01/01	0.93		3.75		
Heavy Truck Driver	\$16.36	04/01/01	0.75		3.75		

GENERAL PRESIDENT'S PROJECT AGREEMENT

	<u>Current</u>	<u>Foreman Differential</u>	<u>H & W</u>	<u>Pension</u>	<u>Other</u>	<u>Vacation</u>
	<u>Rate</u>	<u>Date</u>	<u>Per Hour</u>			
Asbestos Workers	\$17.06	06/01/00	1.00	3.01	0.15	1.00
Carpenters	\$19.10	04/01/00	1.00	1.22	0.15	

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ECONOMIC TERMS OF
COLLECTIVE BARGAINING AGREEMENT (CBA)
BETWEEN
BRSP
AND
TEAMSTERS, LOCAL 968
(LOGISTICS)

The following pages are taken from the above referenced CBA to assist contractors in proposal preparation. The pages pertain to a sampling of the economic terms (wages and fringe benefits) of the agreement. It is the contractors' responsibility to review the CBA in its entirety to ensure that the proper wages and benefits are proposed. Failure by this Agency to include any job classification, wage rate, or fringe benefit encompassed in the CBA does not relieve the terms of the CBA insofar as wages and fringe benefits are concerned. A copy of the CBA is available in the JSC Scientific and Technical Information Center.

AGREEMENT
BETWEEN
BRSP
(LOGISTICS)
AND
TEAMSTERS
LOCAL UNION NO. 968

EFFECTIVE: December 16, 2000
EXPIRES: December 15, 2003

**ARTICLE 3
RECOGNITION**

The Company hereby agrees to recognize the Union as the exclusive bargaining representative with respect to wages, hours and other terms and conditions of employment for all employees engaged in Warehousing, Cataloging, Receiving, Stock Control, Clerk Typist, and Supply Services of the Base Operations Support Services Contract, at the Johnson Space Center, Houston, Texas.

Employees excluded from this agreement include all Stenographers, Secretaries, and all other employees and all professional employees, guards and supervisors as defined in the National Labor Relations Act.

**ARTICLE 10
WAGE RATES**

Section 1. The Wage Schedule attached hereto and made a part hereof represents the wage rates effective May 1, 2001, May 1, 2002 and May 1, 2003, respectively.

Section 2. Changes in wage rates due to promotions.

Employees will at the time of promotion, be brought to the new job rate in accordance with their seniority and the appropriate schedule.

Section 3. Temporary Assignments.

Any employee performing two (2) hours work in a higher classification, shall be paid at the rate of the higher classification. If he is performing work in a lower classification, he shall retain his regular rate of pay.

**ARTICLE 13
GROUP INSURANCE**

Section 1. The Company will provide its employees with group insurance coverage that is equal to the present coverage. The Company reserves the right to determine the insurance carrier and may from time to time change carriers.

An outline of the provisions of the group insurance plan will be provided to the covered employees.

Section 2. Employees may opt to be covered by the Company sponsored Insurance Plan provided for in Section 1 above. Covered employees will be required to make a Co-payment of ten dollars (\$10.00) each calendar week which shall be deducted by the Company from each employees wages. If an employee elects to withdraw from coverage by the plan, such employee may do so after a two (2) week written notice to the Company. The effective date of the withdrawal shall be the last workday of the current month.

Section 3. Employees desiring to opt out of the group insurance plan shall not be required to make co-payment contributions to such plan and will not receive compensation in lieu of plan participation. After an employee has withdrawn his/her participation from the plan he/she will be readmitted to the plan after he/she has complied with the insurance company's re-admittance requirements. Request for re-admittance to the plan shall be acted upon within one (1) month of receipt of the employees written request for re admittance.

ARTICLE 14 HOLIDAYS

Section 1. The following days are recognized by the Company as holidays.

New Year's Day	Labor Day
Martine Luther King's Birthday	Columbus Day
President's Birthday	Veteran's Day
Memorial Day	Thanksgiving Day
Independence Day	Christmas Day

If the number of paid holidays observed by JSC under existing policy are increased in number, such additional holiday(s) shall be recognized and paid for in accordance with this Agreement. This provision also applies to all hours observed by JSC as time off with pay. Employees will be entitled to two (2) additional holidays with pay (employees anniversary date of employment and employees birthday) both to be recognized as unassigned. An employee desiring to take these holidays is required to notify the company one week in advance.

Section 2. Holidays recognized by JSC will be observed in accordance with JSC policy.

Section 3. Holidays not worked.

(a) An employee who is (on a five (5) day eight (8) hour per day work week and) not required to work on a day observed as a holiday will receive eight (8) hours pay at his/her straight time rate of pay. An employee on a (non five (5) day eight (8) hour per day work week) who is not required to work on a day observed as a holiday will receive pay at his/her straight time of pay, provided for in the settlement reached in accordance with Section 7 of this Article.

(b) Notwithstanding the language in this Section, to be eligible to be paid for holiday pay an employee must meet the following requirements.

(1) Has worked all his/her scheduled hours on the last workday before the day observed as the holiday and on his/her first scheduled workday after the day observed as the holiday, or was excused by the Company to be off work on such days.

(2) Is not on a Company paid leave of absence.

(3) Is not receiving workmen's compensation benefits.

(4) Has been on the Company's payroll for a period of at least sixty (60) days.

Section 4. Off Duty Holidays.

An employee, who is off on a holiday for a bona fide reason or is excused by the Company, will be compensated for holiday pay at the straight time rate of pay.

Section 5. Holidays Worked.

An employee required to work on a Company recognized holiday, will be paid at the rate of time and one-half (1 ½) the base hourly rate for all hours worked on the holiday plus his/her holiday pay. An employee who is off on a holiday for a bona fide reason or is excused by the Company, will be compensated for holiday pay at the straight time rate of pay.

Section 6. Holidays During Vacations.

When a paid holiday occurs during the course of an employee's vacation, the Company shall designate the day prior to or the day following the vacation as an additional day off, except where the employee and the Company agree he shall take another day.

Section 7. Holiday Miscellaneous.

The parties shall meet to agree upon language to cover holidays affected by work schedules which may be different than the traditional five (5) days eight (8) hour week. The primary purpose of the parties is to agree upon a holiday schedule that will allow the Company to comply with NASA and/or EPA requirements. In such cases the hours paid for holidays shall be adjusted to conform to such work schedules.

**ARTICLE 15
LEAVE OF ABSENCE**

Section 1. Personal Leave of Absence

(a) The nature of the Company's business requires employees to be available for work at all times in order to meet operating requirements. Therefore, leave of absence for personal reasons shall not be granted except in cases of urgent personal need. It is understood that the Company is not obligated, under any circumstance to grant a request for a leave of absence for personal reasons. Request for a leave under this section must be submitted in writing by the requesting employee to his/her supervisor, at least twenty-four hours before such leave is to begin; a copy of an approved leave will be sent to the Union.

(b) Personal leaves of absence when granted by the Company will be without pay. During such leave, seniority will continue to accrue up to three (3) months during a leave of absence.

(c) The employee will be required to notify the Company at least five (5) working days prior to returning to work.

Section 2. Military Service Leave.

An employee of the Company who shall have been called, or volunteers for military service in any branch of the United States Armed Forces when the United States is at war or during any declared National emergency in peace time, and who has been placed on leave for same, who receives a certificate that he has satisfactorily completed his/her period of training and service in such military service makes application for reemployment within ninety (90) days after he is relieved from such training and service, will be reinstated in the position held by such employee at the time of entering such service, or to a position of like status, and pay, provided that under normal working conditions, such employee would have been employed by the Company except for such military service, and is not physically or otherwise incapacitated from performing his usual work in such previously held position. In the event that there is a statute fixing and declaring the rights and responsibilities of any employer or an employee in any such case, such statutory provision shall supersede this paragraph and thereafter this paragraph shall have no further force and effect.

Section 3. Military Training Leave.

An employee whose term of service in accordance with this Agreement, is at least six (6) months and who is called to serve in a reserve component of the Armed Forces of the United States, including the National Guard, for annual training usually a period of two (2) weeks, will receive the difference in his/her base forty (40) hour rate of pay and the pay he/she receives from the military up to a maximum of two (2) weeks once each calendar year. In order to receive this benefit, the employee must submit a copy of his/her official orders and an authorized accounting of his/her military pay. Time spent at such reserve training will count as hours worked towards vacation eligibility.

Section 4. Funeral Leave.

(a) Employee's with sixty days or more of continuous employment shall be eligible to receive pay at their straight time hourly rate for up to four (4) days during their basic work week schedule in the event of death in their immediate family. The number of hours per day shall not exceed the number of hours in their basic workday schedule. (Payment shall be made only when absence is taken for the purpose of attending, or attending and making arrangements for the funeral). For purposes of this payment, the immediate family includes the employee's parents, children, brothers, sisters, grandparents, spouse, spouses' parents, employee's brother-in-law and sister-in-law.

(b) If an employee on the active payroll of the Company dies and the family of such deceased employee makes an appropriate request to the Company, the Company will release up to two (2) employees for a period not to exceed four (4) hours with pay at the base hourly rate to act as pallbearer at the funeral, of such employee, unless unusual circumstances, requiring company approval for a longer period of time exist.

Section 5. Maternity Leave.

If an employee requests a leave of absence because of pregnancy, the employee will be entitled to reinstatement in her existing job and replacement during her absence will be arranged on a temporary basis, provided the following conditions are met:

(a) The employee is a regular full-time employee

(b) A statement from the employee's physician is provided establishing the date that the employee should cease work from a medical point of view and a reasonable expected date of medical release to return to work.

(c) The employee obtains a release from her physician and returns to work within five (5) days of release.

Section 6. Family and Medical Leave Act (FMLA)

Employees approved by the Company to be off to attend a family member in accordance with FMLA shall be eligible to receive pay for unused unassigned holidays and vacation that the employee was eligible for prior to the start of such leave.

Employees approved by the Company to be off in accordance with FMLA for personal illness or off the job injury, shall be eligible to receive pay for unused sick leave days, unused unassigned holidays, and unused vacation that the employee was eligible for prior to the start of such leave.

Paid leave must be requested by the employee and will count against the total FMLA leave period.

Circumstances not covered in this section shall be subject to the terms of FMLA.

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ARTICLE 16
JURY DUTY

Section 1. An employee with sixty (60) days or more of service who is called for or performs jury duty will be compensated by the Company for the straight-time hours he/she was thereby required to lose from his/her regular work schedule, but not to exceed five (5) eight (8) hour days per week, computed at his/her base hourly rate. The employee will also retain all fees received as a result of serving on Jury Duty.

Section 2. An employee temporarily excused from court during his/her regularly scheduled working hours shall report of work, provided that at least three (3) hours of his/her regular shift can be worked.

Section 3. Payment shall be made so long as such jury duty continues, only upon presentation of proof of jury duty.

ARTICLE 21 SICK LEAVE

Section 1. All full-time employees shall be eligible to receive pay due to sickness or accident on the following basis:

(a) 0-60 Days (Probationary Period)

Employees with less than (60) days service shall accrue eight (8) hours per month, in accordance with paragraph (d) of this article. Employees shall be eligible to receive pay for accrued sick leave upon completion of the probationary period.

(b) Less than (2) years service

Employees shall accrue eight (8) hours for each month of completed service, up to at least ninety-six (96) hours per year until such employee has completed two (2) years (twenty four (24) months) of service. In accordance with paragraph (d) of this article.

(c) Beginning the third year.

On each anniversary date, thereafter, beginning with the third anniversary date eligible employees are entitled to a sickness and accident allowance of ninety-six (96) hours. In accordance with paragraph (d) of this article.

(d) Eligibility.

In order to be eligible to accrue sick leave allowance for any month an employee must work at least 50% of the regular hours available for the month or be eligible to receive and have received Company pay for days off.

(e) Sick pay shall not duplicate any other Company pay.

Section 2. The employee will notify or have someone notify his/her immediate supervisor on the first day of absence, stating the nature of illness or injury and the anticipated date of his/her return to work. The employee will keep the Company informed of any changes in his anticipated date of return to work.

Section 3. The Company shall have the right to require such appropriate proof of illness or injury as it deems desirable.

Section 4. There shall be no payment made in lieu of unused sick leave at any time, nor may sick leave be used for any other purpose than for actual illness, during the employees scheduled work days.

Section 5. Sick leave accrued for any employee shall not exceed five hundred forty four (544) hours.

Section 6. Employees may use accrued sick leave, equivalent to two (2) scheduled work days per year for emergency reasons, other than personal illness or injury. The employee will be required to provide the Company with proper notification and such leave will require management approval.

ARTICLE 22
TERMINATION ALLOWANCE

Employees who have twelve (12) months of continuous service and who are laid off for lack of work, shall receive termination pay based upon the following:

(a) Schedule of pay: One (1) year of service but less than two (2) – One (1) week's pay forty (40) hours. Two (2) years of service or more – Two (2) week's pay eighty (80) hours.

(b) An employee shall normally receive two (2) week's notice of lay-off prior to the date of the actual lay-off. When notice is given to an employee, the amount of notice shall be deducted from his termination allowance.

(c) If less than two (2) weeks prior notice is given, up to two (2) weeks termination pay shall be granted as determined above.

ARTICLE 23 VACATIONS

Section 1. An employee on the active payroll prior to May 1 of the current year, will be eligible for vacation in accordance with the following schedule

- (a) Less than seven (7) years.

Employees with less than seven (7) years service shall receive vacation at the rate of $5/6$ of a day per month up to a maximum of eighty (80) hours per year.

- (b) Seven (7) years or more.

Employees with seven (7) years service or more, but less than fifteen (15) years service receive vacation at the rate of one and one-fourth ($1 \frac{1}{4}$) days per month up to a maximum of one hundred twenty (120) hours per year.

- (c) Fifteen (15) or more.

Employees with fifteen (15) years service or more but less than twenty (20) years service shall receive vacation at the rate of one and two thirds ($1 \frac{2}{3}$) days per month up to a maximum of one hundred sixty (160) hours per year.

- (d) Twenty (20) years or more.

Employees with twenty (20) years service or more shall receive vacation at the rate of two and one twelfth ($2 \frac{1}{12}$) days per month up to a maximum of two hundred (200) hours per year.

Section 2. (a) Employees shall take their vacations within twelve (12) months after May 1, as scheduled by the Company in accordance with operational requirements, with seniority being given consideration insofar as is practical, except if the Company approves a delay of vacation, in which case it must be taken prior to May 1st of the following year.

(b) Active employees must take vacation time off and there shall be no pay in lieu thereof, and no vacation shall be allowed to accumulate from year to year beyond the period of time in (a) above.

Section 3. (a) An employee is laid off or is terminated after having six (6) months of continuous service with the Company shall receive the vacation pay for which he/she is eligible at the time of lay-off, less any vacation pay which may have been taken under Section 1. Eligible time will be determined based upon the provisions of Section 1 of this article. An employee must work at least 50% of the regular hours available for the month or be eligible to receive and have received Company pay for days off, in order to be eligible to accrue vacation allowance for that month.

(b) An employee who is recalled from lay-off, after having received vacation pay at the time of lay-off, shall be eligible for vacation on the next May 1, based only upon his service from time of recall. The computation will be based upon the provisions of Section 1, of this Article. In no event will the vacation time under Section 3(a) and Section 3(b) exceed the maximum allowance under Section 1.

Section 4. Holiday during vacation

Whenever a paid holiday occurs during the course of an employee's vacation, the Company shall designate the day prior to or the day following the vacation as an additional day off, except where the employee and the Company agree he shall take another day.

Section 5. Request for vacation pay.

Provided the employee makes proper prior request to the Company, he will receive his vacation pay on his last scheduled workday prior to the beginning of the vacation.

ARTICLE 30
SAVINGS AND RETIREMENT PLAN

Section 1 Effective December 16, 2000 through to April 30, 2001, the Company shall contribute to a fund, which is to be administered through the Trust Fund Agreement and Declaration of trust of the Southern States Savings and Retirement plan, the sum of twelve (12) dollars per week for each regular full time employee covered by this Agreement. Effective May 1, 2001, the Company shall contribute to the fund the sum of twenty (20) dollars per week for each regular full-time employee covered by this agreement. Casual employees shall not be covered by the provisions of this Article.

Section 2 By the execution of this Agreement, the Company authorizes the Employers Association which are parties hereto to enter into appropriate trust agreements necessary to the administration of such fund, and to designate the Company Trustees under such agreement, hereby waiving all notice thereof and ratifying all actions already taken by such Trustees within the scope of their authority.

Section 3 If an employee is injured on the job, the Company will continue to make the contribution set forth in Section 1 above. Such contributions shall not be paid by the Company for a period of more than twelve (12) weeks.

Section 4 If an employee is granted a leave of absence the Company shall arrange to collect from said employee, sufficient monies to pay the required contributions into the fund during the period of absence.

Section 5 Contributions shall be paid to the fund monthly by the Company for each regular full time employee.

Section 6 Employees may elect to contribute twenty-five (25) percent, fifty (50) percent, seventy-five (75) percent or one hundred (100) percent in addition to Company contributions.

Section 7 All contributions shall be remitted to the trust by the tenth (10) day of the following month.

**LOGISTICS WAGE SCHEDULE
EFFECTIVE MAY 1, 2001**

<u>Job Title</u>	<u>Start</u>	<u>6 Months</u>	<u>12 Months</u>	<u>18 Months</u>
Logistics Librarian	11.28	12.57	12.72	12.95
Junior Cataloger	11.48	12.89	13.05	13.24
Cataloger	12.38	13.86	14.05	14.26
Clerk	10.47	11.66	11.90	12.01
Stock Control Clerk	10.92	12.19	12.39	12.52
Warehouse Person	11.25	12.56	12.72	12.95
Inchcker/Warehouse Person	11.25	12.56	12.72	12.95
Furn. Repair/Whse. Person	11.70	13.08	13.25	13.47
Storekeeper	11.91	13.35	13.52	13.70
Inspector	11.91	13.35	13.52	13.70
Senior Inspector	12.12	13.57	13.75	13.97
Property Specialist	12.45	14.00	14.14	14.40
Clerk Typist	10.13	11.31	11.51	11.72
Clerk/Dispatcher	10.13	11.31	11.51	11.72
Dispatcher	9.19	10.25	10.46	10.72
Computer Operator	11.28	12.57	12.72	12.95
Bond Room Storekeeper	12.12	13.57	13.75	13.97
Supply Technician	11.26	11.89	11.96	12.12
Property Technician	11.26	11.89	11.96	12.12
Property Clerk	10.66	11.35	11.55	11.78
Supply Clerk	10.66	11.35	11.55	11.78
Customer Service Clerk	11.26	11.89	11.96	12.12

Employees working in Building 380, on any assignment will receive a ten (.10) cent per hour premium.

The Senior Property Specialist will receive a ten (.10) cent per hour premium.

Bond Room Store Keepers will receive a ten (.10) cent per hour premium for the DV Stamp process.

**LOGISTICS WAGE SCHEDULE
EFFECTIVE MAY 1, 2002**

<u>Job Title</u>	<u>Start</u>	<u>6 Months</u>	<u>12 Months</u>	<u>18 Months</u>
Logistics Librarian	11.68	12.97	13.12	13.35
Junior Cataloger	11.88	13.29	13.45	13.64
Cataloger	12.78	14.26	14.45	14.66
Clerk	10.87	12.06	12.30	12.41
Stock Control Clerk	11.32	12.59	12.79	12.92
Warehouse Person	11.65	12.96	13.12	13.35
Inchcker/Warehouse Person	11.65	12.96	13.12	13.35
Furn. Repair/Whse. Person	12.10	13.48	13.65	13.87
Storekeeper	12.31	13.75	13.92	14.10
Inspector	12.31	13.75	13.92	14.10
Senior Inspector	12.52	13.97	14.15	14.37
Property Specialist	12.85	14.40	14.54	14.80
Clerk Typist	10.53	11.71	11.91	12.12
Clerk/Dispatcher	10.53	11.71	11.91	12.12
Dispatcher	9.59	10.65	10.86	11.12
Computer Operator	11.68	12.97	13.12	13.35
Bond Room Storekeeper	12.52	13.97	14.15	14.37
Supply Technician	11.66	12.29	12.36	12.52
Property Technician	11.66	12.29	12.36	12.52
Property Clerk	11.06	11.75	11.95	12.18
Supply Clerk	11.06	11.75	11.95	12.18
Customer Service Clerk	11.66	12.29	12.36	12.52

Employees working in Building 380, on any assignment will receive a ten (.10) cent per hour premium.

The Senior Property Specialist will receive a ten (.10) cent per hour premium.

Bond Room Store Keepers will receive a ten (.10) cent per hour premium for the DV Stamp process.

**LOGISTICS WAGE SCHEDULE
EFFECTIVE MAY 1, 2003**

<u>Job Title</u>	<u>Start</u>	<u>6 Months</u>	<u>12 Months</u>	<u>18 Months</u>
Logistics Librarian	12.03	13.32	13.47	13.70
Junior Cataloger	12.23	13.64	13.80	13.99
Cataloger	13.13	14.61	14.80	15.01
Clerk	11.22	12.41	12.65	12.76
Stock Control Clerk	11.67	12.94	13.14	13.27
Warehouse Person	12.00	13.31	13.47	13.70
Inchcker/Warehouse Person	12.00	13.31	13.47	13.70
Furn. Repair/Whse. Person	12.45	13.83	14.00	14.22
Storekeeper	12.66	14.10	14.27	14.45
Inspector	12.66	14.10	14.27	14.45
Senior Inspector	12.87	14.32	14.50	14.72
Property Specialist	13.20	14.75	14.89	15.15
Clerk Typist	10.88	12.06	12.26	12.47
Clerk/Dispatcher	10.88	12.06	12.26	12.47
Dispatcher	9.94	11.00	11.21	11.47
Computer Operator	12.03	13.32	13.47	13.70
Bond Room Storekeeper	12.87	14.32	14.50	14.72
Supply Technician	12.01	12.64	12.71	12.87
Property Technician	12.01	12.64	12.71	12.87
Property Clerk	11.41	12.10	12.30	12.53
Supply Clerk	11.41	12.10	12.30	12.53
Customer Service Clerk	12.01	12.64	12.71	12.87

Employees working in Building 380, on any assignment will receive a ten (.10) cent per hour premium.

The Senior Property Specialist will receive a ten (.10) cent per hour premium.

Bond Room Store Keepers will receive a ten (.10) cent per hour premium for the DV Stamp process.

LETTER OF UNDERSTANDING
BETWEEN BRSP AND TEAMSTERS, LOCAL UNION NO. 968

It is agreed and understood between the two parties that any Teamsters work performed at NASA for maintenance and operations (M&O) will be performed under the GPPMA (General Presidents' Project Maintenance Agreement). Any work performed alongside any Building & Trades Craft will be paid at the GPPMA rate of pay. If specific situations exist that necessitates using personnel on the Logistic and Transportation side to perform work for M&O, employees will suffer no loss of fringe benefits, and receive the GPPMA rate of pay. This may only be done if this local Union agrees and will be limited to eight hours per week.

Effective Date: April 1, 1997

FOR BRSP:

[Signature]
[Signature]
[Signature]
[Signature]

FOR THE UNION:

A. W. Parker
Leo Cann
[Signature]
[Signature]

ECONOMIC TERMS OF
COLLECTIVE BARGAINING AGREEMENT (CBA)
BETWEEN
BRSP
AND
TEAMSTERS, LOCAL 968
(TRANSPORTATION)

The following pages are taken from the above referenced CBA to assist contractors in proposal preparation. The pages pertain to a sampling of the economic terms (wages and fringe benefits) of the agreement. It is the contractors' responsibility to review the CBA in its entirety to ensure that the proper wages and benefits are proposed. Failure by this Agency to include any job classification, wage rate, or fringe benefit encompassed in the CBA does not relieve the terms of the CBA insofar as wages and fringe benefits are concerned. A copy of the CBA is available in the JSC Scientific and Technical Information Center.

AGREEMENT
BETWEEN
BRSP
(TRANSPORTATION)
AND
TEAMSTERS
LOCAL UNION NO. 968

EFFECTIVE: December 16, 2000
EXPIRES: December 15, 2003

**ARTICLE 3
RECOGNITION**

The Company hereby agrees to recognize the Union as the exclusive representative with respect to wages, hours and working conditions of the Bargaining Unit of Company employees performing the following: All Truck Drivers, Helpers and Warehouse persons as defined in the wage schedule attached hereto employed at its Johnson Space Center and Ellington Field Locations in Houston, Harris, Texas.

It is understood that all other employees of the Company are excluded from coverage by this Agreement, and the term "employee" as used herein shall mean only those employees included in the Bargaining Unit described above.

**ARTICLE 10
WAGE RATES**

Section 1. The Wage Schedule attached hereto and made a part hereof represents the Wage Rates effective June 1, 2001, June 1, 2002 and June 1, 2003, respectively.

Section 2. Changes in wage rates due to Promotions.

Employees will at the time of promotion be brought to the new job rate in accordance with their seniority and the appropriate schedule.

Section 3. Temporary Assignments.

Any employee temporarily assigned to a higher job classification shall receive the higher rate of pay for time actually worked in the higher classification. This provision shall not apply unless the period of assignment is for more than one (1) hour. An employee temporarily assigned to work in a lower job classification shall suffer no loss in pay. This provision shall not apply if any employee is permanently assigned to a lower job classification rather than selecting layoff. Seniority shall apply to all assignments for any period that exceeds one (1) hour to the qualified employees.

**ARTICLE 13
GROUP INSURANCE**

Section 1. The Company will provide its employees with group insurance coverage that is equal to the present coverage. The Company reserves the right to determine the insurance carrier and may from time to time change carriers.

An outline of the provisions of the group insurance plan will be provided to the covered employees.

Section 2. Employees may opt to be covered by the Company sponsored Insurance Plan, provided for in Section 1 above. Covered employees will be required to make a Co-payment of ten dollars (\$10.00) each calendar week which shall be deducted by the Company from each employees wages. If an employee elects to withdraw from coverage by the plan, such employee may do so after a two-week written notice to the Company. The effective date of the withdrawal shall be the last workday of the current month.

Section 3. Employees desiring to opt out of the group insurance plan shall not be required to make co-payment contributions to such plan and will not receive compensation in lieu of plan participation. After an employee has withdrawn his/her participation from the plan he/she will be readmitted to the plan after he/she has complied with the insurance company's re-admittance requirements. Request for re-admittance to the plan shall be acted upon within one (1) month of receipt of the employees written request for re-admittance.

**ARTICLE 14
HOLIDAYS**

Section 1. The following days are recognized by the Company as holidays.

New Year's Day
Martin Luther King Jr.'s Birthday
President's Birthday
Memorial Day
Independence Day

Labor Day
Columbus Day
Veteran's Day
Thanksgiving Day
Christmas Day

If the number of paid holidays observed by JSC under existing policy are increased in number, such additional holiday(s) shall be recognized and paid for in accordance with this Agreement. This provision also applies to all hours observed by JSC as time off with pay. Employees will be entitled to two (2) additional holidays with pay (employees anniversary date of employment and employees birthday) both to be recognized as unassigned. An employee desiring to take these holidays is required to notify the company one week in advance.

Section 2. Holidays recognized by JSC will be observed in accordance with JSC policy.

Section 3. Holidays not worked.

(a) An employee who is (on a five (5) day eight (8) hour per day work week and) not required to work on a day observed as a holiday will receive eight (8) hours pay at his/her straight time rate of pay. An employee who is (on a non five (5) day eight (8) hour per day work week) not required to work on a day observed as a holiday will receive pay at his/her straight time of pay provided for in the settlement reached in accordance with Section 7 of this Article.

(b) Notwithstanding the language in this Section, to be eligible to be paid for holiday pay an employee must meet the following requirements.

(1) Has worked all his/her scheduled hours on the last workday before the day observed as the holiday and on his/her first scheduled workday after the day observed as the holiday, or was excused by the Company to be off work on such days.

(2) Is not on a Company paid leave of absence.

(3) Is not receiving workmen's compensation benefits.

(4) Has been on the Company's payroll for a period of at least sixty (60) days.

Section 4. Off Duty Holidays.

An employee, who is off on a holiday for a bonafide reason or is excused by the Company, will be compensated for holiday pay at the straight time rate of pay.

Section 5. Holidays Worked

An employee required to work on a Company recognized holiday, will be paid at the rate of time and one-half (1 ½) the base hourly rate for all hours worked on the holiday plus his/her holiday pay. An employee who is assigned to work on a holiday, and who fails to do so, will not receive holiday pay.

Section 6. Holidays During Vacations.

When a paid holiday occurs during the course of an employee's vacation, the Company shall designate the day prior to or the day following the vacation as an additional day off, except where the employee and the Company agree he shall take another day.

Section 7. Holiday Miscellaneous.

The parties shall meet to agree upon language to cover holidays affected by work schedules which may be different than the traditional five (5) days eight (8) hour week. The primary purpose of the parties is to agree upon a holiday schedule that will allow the Company to comply with NASA and/or EPA requirements. In such cases the hours paid for holidays shall be adjusted to conform to such work schedules.

**ARTICLE 15
LEAVE OF ABSENCE**

Section 1. Personal Leave of Absence

(a) The nature of the Company's business requires employees to be available for work at all times in order to meet operating requirements. Therefore, leave of absence for personal reasons shall not be granted except in cases of urgent personal need. It is understood that the Company is not obligated, under any circumstance to grant a request for a leave of absence for personal reasons. Request for a leave under this section must be submitted in writing by the requesting employee to his/her supervisor, at least twenty-four hours before such leave is to begin; a copy of an approved leave will be sent to the Union.

(b) Personal leaves of absence when granted by the Company will be without pay. During such leave, seniority will continue to accrue up to three (3) months during a leave of absence.

(c) The employee will be required to notify the Company at least five (5) working days prior to returning to work.

Section 2. Military Service Leave.

An employee of the Company who shall have been called, or volunteers for military service in any branch of the United States Armed Forces when the United States is at war or during any declared National emergency in peace time, and who has been placed on leave for same, who receives a certificate that he has satisfactorily completed his/her period of training and service in such military service makes application for reemployment within ninety (90) days after he is relieved from such training and service, will be reinstated in the position held by such employee at the time of entering such service, or to a position of like status, and pay, provided that under normal working conditions, such employee would have been employed by the Company except for such military service, and is not physically or otherwise incapacitated from performing his usual work in such previously held position. In the event that there is a statute fixing and declaring the rights and responsibilities of any employer or an employee in any such case, such statutory provision shall supersede this paragraph and thereafter this paragraph shall have no further force and effect.

Section 3. Military Training Leave.

An employee whose term of service in accordance with this Agreement, is at least six (6) months and who is called to serve in a reserve component of the Armed Forces of the United States, including the National Guard, for annual training usually a period of two (2) weeks, will receive the difference in his/her base forty (40) hour rate of pay and the pay he/she receives from the military up to a maximum of two (2) weeks once each calendar year. In order to receive this benefit, the employee must submit a copy of his/her official orders and an authorized accounting of his/her military pay. Time spent at such reserve training will count as hours worked towards vacation eligibility.

Section 4. Funeral Leave.

(a) Employee's with sixty days or more of continuous employment shall be eligible to receive pay at their straight time hourly rate for up to four (4) days during their basic work week schedule in the event of death in their immediate family. The number of hours per day shall not exceed the number of hours in their basic workday schedule. (Payment shall be made only when absence is taken for the purpose of attending, or attending and making arrangements for the funeral). For purposes of this payment, the immediate family includes the employee's parents, children, brothers, sisters, grandparents, spouse, spouse's parents, employee's brother-in-law and sister-in-law.

(b) If an employee on the active payroll of the Company dies and the family of such deceased employee makes an appropriate request to the Company, the Company will release up to two (2) employees for a period not to exceed four (4) hours with pay at the base hourly rate to act as pallbearer at the funeral, of such employee, unless unusual circumstances, requiring company approval for a longer period of time exist.

Section 5. Maternity Leave.

If an employee requests a leave of absence because of pregnancy, the employee will be entitled to reinstatement in her existing job and replacement during her absence will be arranged on a temporary basis, provided the following conditions are met.

(a) The employee is a regular full-time employee.

(b) A statement from the employee's physician is provided establishing the date that the employee should cease work from a medical point of view and a reasonable expected date of medical release to return to work.

(c) The employee obtains a release from her physician and returns to work within five (5) days of release.

Section 6. Family and Medical Leave Act (FMLA).

Employees approved by the Company to be off to attend a family member in accordance with FMLA shall be eligible to receive pay for unused unassigned holidays and vacation that the employee was eligible for prior to the start of such leave.

Employees approved by the Company to be off in accordance with FMLA for personal illness or off the job injury, shall be eligible to receive pay for unused sick leave days, unused unassigned holidays, and unused vacation that the employee was eligible for prior to the start of such leave.

Paid leave must be requested by the employee and will count against the total FMLA leave period.

Circumstances not covered in this section shall be subject to the terms of FMLA.

ARTICLE 16
JURY DUTY

Section 1. An employee with sixty (60) days or more of service who is called for or performs jury duty will be compensated by the Company for the straight-time hours he/she was thereby required to lose from his/her regular work schedule, but not to exceed five (5) eight (8) hour days per week, computed at his/her base hourly rate. The employee will also retain all fees received as a result of serving on Jury Duty.

Section 2. An employee temporarily excused from court during his/her regularly scheduled working hours shall report of work, provided that at least three (3) hours of his/her regular shift can be worked.

Section 3. Payment shall be made so long as such jury duty continues, only upon presentation of proof of jury duty.

**ARTICLE 21
SICK LEAVE**

Section 1. All full-time employees shall be eligible to receive pay due to sickness or accident on the following basis:

(a) Less than one (1) year service. Employees shall accrue eight (8) hours for each month of completed service, up to at least ninety-six (96) hours per year, until such employee has completed one (1) year (twelve (12) months) of service.

(b) Beginning the second year. One each anniversary date, thereafter, beginning with the second anniversary date eligible employees are entitled to a sickness and accident allowance of ninety-six (96) hours.

(c) Thirty (30) days but less than one hundred eighty (180) days of service. Employees are eligible to receive pay after a waiting period of one (1) working day without pay for each absence due to sickness or an accident.

(d) One hundred eighty (180) days of service or more. Employees are eligible to receive pay commencing the first day of each absence due to sickness or an accident.

(e) Eligibility. In order to be eligible to accrue sick leave allowance for any month, an employee must work at least 50% of the regular hours available for the month or be eligible to receive and have received Company pay for days off.

(f) Sick pay shall not duplicate any other Company pay.

Section 2. The employee will notify or have someone notify his/her immediate supervisor on the first day of absence, stating the nature of illness or injury and the anticipated date of his/her return to work. The employee will keep the Company informed of any changes in his anticipated date of return to work.

Section 3. The Company shall have the right to require such appropriate proof of illness or injury as it deems desirable.

Section 4. There shall be no payment made in lieu of unused sick leave at any time, nor may sick leave be used for any other purpose than for actual illness, during the employees scheduled work days.

Section 5. Sick leave accrued for any employee shall not exceed three hundred eighty four (384) hours.

Section 6. Employees may use accrued sick leave, equivalent to two (2) scheduled work days per year for emergency reasons, other than personal illness or injury. The employee will be required to provide the Company with proper notification and such leave will require management approval.

ARTICLE 22
TERMINATION ALLOWANCE

Employees who have twelve (12) months of continuous service and who are laid off for lack of work, shall receive termination pay based upon the following:

(a) Schedule of pay: One (1) year of service but less than two (2) – One (1) week's pay forty (40) hours. Two (2) years of service or more – Two (2) week's pay eighty (80) hours.

(b) An employee shall normally receive two (2) week's notice of lay-off prior to the date of the actual lay-off. When notice is given to an employee, the amount of notice shall be deduced from his termination allowance.

(c) If less than two (2) weeks prior notice is given, up to two (2) weeks termination pay shall be granted as determined above.

ARTICLE 23
VACATIONS

Section 1. An employee on the active payroll prior to June 1 of the current year, will be eligible for vacation in accordance with the following schedule:

(a) Less than seven (7) years - Employees with less than seven (7) years service will receive vacation on a monthly basis at the rate of $\frac{5}{6}$ of a day per month up to a maximum of eighty (80) hours per year.

(b) Seven (7) years or more - Employees with seven (7) years or more of service, but less than fifteen (15) years will receive vacation on a monthly basis at the rate of one and one fourth ($1\frac{1}{4}$) days per month up to a maximum of one hundred twenty (120) hours per year.

(c) Fifteen (15) or more - Employees with fifteen (15) years or more of service but less than twenty (20) years will receive vacation on a monthly basis at the rate of one and two thirds ($1\frac{2}{3}$) days per month up to a maximum of one hundred sixty (160) hours per year.

(d) Twenty (20) years or more - Employees with twenty (20) years or more of service will receive vacation on a monthly basis at the rate of two and one twelfth ($2\frac{1}{12}$) days per month up to a maximum of two hundred (200) hours per year.

Section 2. (a) Employees shall take their vacations within twelve (12) months after June 1, as scheduled by the Company in accordance with operational requirements, with seniority being given consideration insofar as is practical, except if the Company approves a delay of vacation, in which case it must be taken prior to June 1st of the following year.

(b) Active employees must take vacation time off and there shall be no pay in lieu thereof, and no vacation shall be allowed to accumulate from year to year beyond the period of time in (a) above.

Section 3. (a) An employee is laid off or is terminated after having six (6) months of continuous service with the Company shall receive the vacation pay for which he/she is eligible at the time of lay-off, less any vacation pay which may have been taken under Section 1. Eligible time will be determined based upon the provisions of Section 1 of this article. An employee must work at least 50% of the regular hours available for the month or be eligible to receive and have received Company pay for days off, in order to be eligible to accrue vacation allowance for that month.

(b) An employee who is recalled from lay-off, after having received vacation pay at the time of lay-off, shall be eligible for vacation on the next June 1, based only upon his service from time of recall. The computation will be based upon the provisions of Section 1 of this Article. In no event will the vacation time under Section 3(a) and Section 3(b) exceed the maximum allowance under Section 1.

Section 4. Holiday during vacation.

Whenever a paid holiday occurs during the course of an employee's vacation, the Company shall designate the day prior to or the day following the vacation as an additional day off, except where the employee and the Company agree he shall take another day.

Section 5. Request for vacation pay.

Provided the employee makes proper prior request to the Company, he will receive his vacation pay on his last scheduled work day prior to the beginning of the vacation.

ARTICLE 30
SAVINGS AND RETIREMENT PLAN

Section 1. Effective December 16, 2000 through May 31, 2001, the Company shall contribute to a fund, which is to be administered through the Trust Fund Agreement and Declaration of trust of the Southern States Savings and Retirement plan, the sum of twelve (12) dollars per week for each regular full time employee covered by this Agreement. Effective June 1, 2001, the Company shall contribute to the fund the sum of twenty (20) dollars per week for each regular full-time employee covered by this agreement. Casual employees shall not be covered by the provisions of this Article.

Section 2. By the execution of this Agreement, the Company authorizes the Employers Association which are parties hereto to enter into appropriate trust agreements necessary to the administration of such fund, and to designate the Company Trustees under such agreement, hereby waiving all notice thereof and ratifying all actions under such Trustees within the scope of their authority.

Section 3. If an employee is injured on the job, the Company will continue to make the contribution set forth in Section 1 above. Such contributions shall not be paid by the Company for a period of more than twelve (12) weeks.

Section 4. If an employee is granted a leave of absence the Company shall arrange to collect from said employee, sufficient monies to pay the required contributions into the fund during the period of absence.

Section 5. Contributions shall be paid to the fund monthly by the Company for each regular full time employee.

Section 6. Employees may elect to contribute twenty-five (25) percent, fifty (50) percent, seventy-five (75) percent or one hundred (100) percent in addition to the Company contributions.

Section 7. All contributions shall be remitted to the trust by the tenth (10) day of the following month.

**TRANSPORTATION WAGE SCHEDULE
EFFECTIVE JUNE 1, 2001**

<u>Job Title</u>	<u>Start</u>	<u>60 Days</u>	<u>6 Months</u>	<u>1 Year</u>
Tractor-Trailer Driver	8.85	9.89	11.01	11.80
Bobtail Driver	8.85	9.89	11.01	11.80
Quick Dispatch Driver	8.85	9.89	11.01	11.80
Forklift Operator	8.85	9.89	11.01	11.80
Crater & Flight Packer	8.85	9.89	11.01	11.80
Helper	8.16	9.31	10.07	11.01
Flight Packing Specialist (Lead)	12.40 (Single Rate Classification)			

**TRANSPORTATION WAGE SCHEDULE
EFFECTIVE JUNE 1, 2002**

<u>Job Title</u>	<u>Start</u>	<u>60 Days</u>	<u>6 Months</u>	<u>1 Year</u>
Tractor-Trailer Driver	9.25	10.29	11.41	12.20
Bobtail Driver	9.25	10.29	11.41	12.20
Quick Dispatch Driver	9.25	10.29	11.41	12.20
Forklift Operator	9.25	10.29	11.41	12.20
Crater & Flight Packer	9.25	10.29	11.41	12.20
Helper	8.56	9.71	10.47	11.41
Flight Packing Specialist (Lead)	12.80 (Single Rate Classification)			

**TRANSPORTATION WAGE SCHEDULE
EFFECTIVE JUNE 1, 2003**

<u>Job Title</u>	<u>Start</u>	<u>60 Days</u>	<u>6 Months</u>	<u>1 Year</u>
Tractor-Trailer Driver	9.60	10.64	11.76	12.55
Bobtail Driver	9.60	10.64	11.76	12.55
Quick Dispatch Driver	9.60	10.64	11.76	12.55
Forklift Operator	9.60	10.64	11.76	12.55
Crater & Flight Packer	9.60	10.64	11.76	12.55
Helper	8.91	10.06	10.82	11.76
Flight Packing Specialist (Lead)	13.15 (Single Rate Classification)			

Employees completing five (5) years continuous services will receive a ten (.10) cent per hour premium

Tractor-Trailer Drivers shall be paid (.40) cent per hour premium.

Cylinder Truck Drivers and Cylinder Helpers shall be paid a fifteen (.15) cent per hour premium.

The Company shall continue to pay total cost of sufficient uniforms, as long as the Company requires employees to be in uniform.

**LETTER OF UNDERSTANDING
BETWEEN BRSP AND TEAMSTERS, LOCAL UNION NO. 968**

It is agreed and understood between the two parties that any Teamsters work performed at NASA for maintenance and operations (M&O) will be performed under the GPPMA (General Presidents' Project Maintenance Agreement). Any work performed alongside any Building & Trades Craft will be paid at the GPPMA rate of pay. If specific situations exist that necessitates using personnel on the Logistic and Transportation side to perform work for M&O, employees will suffer no loss of fringe benefits, and receive the GPPMA rate of pay. This may only be done if this local Union agrees and will be limited to eight hours per week.

Effective Date: April 1, 1997

FOR BRSP:

[Signature]
[Signature]
[Signature]
[Signature]

FOR THE UNION:

A. W. Parker
Leo Cann
[Signature]
[Signature]

Davis Bacon General Wage Decision
Harris County, TX
Construction Type: Building
TX010010 dated 07/06/01.

Deleted: 4/13

Deleted: Mod. 1

The following pages reflect the wages and fringe benefit requirements for new construction work performed on this contract. If new modifications are made to this General Decision by the Department of Labor, those modifications will be incorporated into the RFP by amendment.

GENERAL DECISION TX010010 07/06/01 TX10

General Decision Number TX010010

Superseded General Decision No. TX000010

State: TEXAS

Construction Type:

BUILDING

County(ies):

GALVESTON HARRIS

BUILDING CONSTRUCTION PROJECTS (does not include single family homes & apartments up to & including 4 stories). (Use current highway general wage determination for Paving & Utilities incidental to Building Construction for Galveston (excluding Galveston Island) & Harris Cos.) (DOES NOT APPLY TO ANY WORK ON TREATMENT PLANT SITES IN HARRIS CO.)

Modification Number Publication Date

0 03/02/2001

1 04/13/2001

2 05/11/2001

3 07/06/2001

COUNTY(ies):

GALVESTON HARRIS

ASBE0022A 06/01/1999

	<u>Rates</u>	<u>Fringes</u>
<u>INSULATOR/ASBESTOS WORKERS</u>		
<u>(includes application of all</u>		
<u>insulating materials, protec-</u>		
<u>tive coverings, coatings and</u>		
<u>finishing to all types of</u>		
<u>mechanical systems)</u>	<u>17.59</u>	<u>5.75</u>

BRTX0001A 11/01/1999

	<u>Rates</u>	<u>Fringes</u>
<u>GALVESTON COUNTY</u>		

<u>BRICKLAYERS & STONEMASONS</u>	<u>16.05</u>	<u>3.05</u>
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BRTX0007A 01/01/1999

	<u>Rates</u>	<u>Fringes</u>
<u>HARRIS COUNTY</u>		

<u>BRICKLAYERS & STONEMASONS</u>	<u>15.55</u>	<u>4.65</u>
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* ELEV0031A 06/29/2001

	<u>Rates</u>	<u>Fringes</u>
<u>ELEVATOR MECHANICS</u>	<u>22.99</u>	<u>7.195+a</u>

FOOTNOTES:

a.- Employer contributes 8% of basic hourly rate for over 5 years' service and 6% of basic hourly rate for 6 months to 5 years' service as Vacation Pay Credit. Paid Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Friday after Thanksgiving Day; Christmas Day.

ENG10450E 04/01/2001

	<u>Rates</u>	<u>Fringes</u>
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POWER EQUIPMENT OPERATORS:

GALVESTON COUNTY

Cranes	19.81	3.89
Forklifts	19.81	3.89

HARRIS COUNTY

Crane	18.34	4.65
Forklifts	18.34	4.65

FOOTNOTE: +1.00 per hour differential paid to all certified tower crane operators and all certified crane operators of 100 tons capacity and over

IRON0084A 06/01/2000

	<u>Rates</u>	<u>Fringes</u>
IRONWORKERS	17.27	4.20

* PAIN1008A 07/01/2001

	<u>Rates</u>	<u>Fringes</u>
GLAZIERS	17.60	4.59

PAIN1008D 10/03/1999

	<u>Rates</u>	<u>Fringes</u>
SOFT FLOOR LAYERS	15.30	1.11

PLAS0079A 04/01/1993

	<u>Rates</u>	<u>Fringes</u>
PLASTERERS	16.55	1.94

PLUM0068A 04/01/2001

	<u>Rates</u>	<u>Fringes</u>
PLUMBERS	22.73	5.50

PLUM0211A 04/01/2001

	<u>Rates</u>	<u>Fringes</u>
PIPEFITTERS (including HVAC WORK)	21.71	7.35

SFTX0669A 04/01/2001

	<u>Rates</u>	<u>Fringes</u>
<u>SPRINKLER FITTERS</u>	<u>22.62</u>	<u>7.35</u>

SHEE0054A 04/01/2000

	<u>Rates</u>	<u>Fringes</u>
<u>SHEET METAL WORKERS (Including HVAC Duct Work)</u>	<u>20.15</u>	<u>5.54</u>

SUTX1082A 04/01/1989

	<u>Rates</u>	<u>Fringes</u>
<u>CARPENTERS:</u>		
<u>Excluding Drywall Hangers and Acoustical Ceiling</u>	<u>13.45</u>	<u>2.42</u>
<u>Acoustical Ceiling Installation Only</u>	<u>12.65</u>	
<u>Drywall Hanging Only</u>	<u>10.99</u>	
<u>CEMENT MASONS</u>	<u>13.43</u>	<u>2.18</u>

<u>ELECTRICIANS (Including Low Voltage Work)</u>	<u>14.68</u>	<u>3.83</u>
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<u>LABORERS, Unskilled</u>	<u>7.20</u>	
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<u>PAINTERS (Including Drywall Finishers)</u>	<u>12.02</u>	<u>3.30</u>
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POWER EQUIPMENT OPERATORS:

<u>Backhoes</u>	<u>11.79</u>	
<u>Front End Loaders</u>	<u>12.17</u>	

<u>ROOFERS</u>	<u>10.94</u>	
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<u>TILE SETTERS</u>	<u>14.41</u>	
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<u>TRUCK DRIVERS</u>	<u>10.63</u>	
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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

* an existing published wage determination

* a survey underlying a wage determination

* a Wage and Hour Division letter setting forth a position on a wage determination matter

* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional

Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
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U. S. Department of Labor
200 Constitution Avenue, N. W.
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2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
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The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

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Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.
END OF GENERAL DECISION

Deleted: §
GENERAL DECISION TX010010
04/13/01 TX10§
General Decision Number
TX010010§
§
Superseded General Decision
No. TX000010§
§
State: TEXAS§
§
Construction Type:§
BUILDING§
§
County(ies):§
GALVESTON HARRIS§
§
BUILDING CONSTRUCTION
PROJECTS (does not include
single family§
homes & apartments up to &
including 4 stories). (Use
current§
highway general wage
determination for Paving &
Utilities§
incidental to Building
Construction for Galveston
(excluding§
Galveston Island) & Harris
Cos.) (DOES NOT APPLY TO ANY
WORK ON§
TREATMENT PLANT SITES IN
HARRIS CO.)§
§
Modification Number
Publication Date§
0
03/02/2001§ 1
04/13/2001§
§
COUNTY(ies):§
GALVESTON HARRIS§
§
ASBE0022A 06/01/1999§
Rates Fringes§
INSULATOR/ASBESTOS WORKERS§
(includes application of all§
insulationg materials,
protec-§
tive coverings, coatings
and§
finishing to all types off
mechanical systems)
17.59 5.75§
-----§
§
BRTX0001A 11/01/1999§
Rates Fringes§
GALVESTON COUNTY§
§
BRICKLAYERS & STONEMASONS
16.05 3.05§
-----§
§

GENERAL DECISION TX010010 04/13/01 TX10
General Decision Number TX010010

Superseded General Decision No. **TX000010**

State: TEXAS

Construction Type:
BUILDING

County(ies):
GALVESTON HARRIS

BUILDING CONSTRUCTION PROJECTS (does not include single family homes & apartments up to & including 4 stories). (Use current highway general wage determination for Paving & Utilities incidental to Building Construction for Galveston (excluding Galveston Island) & Harris Cos.) (DOES NOT APPLY TO ANY WORK ON TREATMENT PLANT SITES IN HARRIS CO.)

Modification Number	Publication Date
0	03/02/2001
1	04/13/2001

COUNTY(ies):
GALVESTON HARRIS

ASBE0022A 06/01/1999

	Rates	Fringes
INSULATOR/ASBESTOS WORKERS (includes application of all insulationg materials, protec- tive coverings, coatings and finishing to all types of mechanical systems)	17.59	5.75

BRTX0001A 11/01/1999

	Rates	Fringes
GALVESTON COUNTY		
BRICKLAYERS & STONEMASONS	16.05	3.05

BRTX0007A 01/01/1999

	Rates	Fringes
HARRIS COUNTY		
BRICKLAYERS & STONEMASONS	15.55	4.65

ELEV0031A 06/29/2000

	Rates	Fringes
ELEVATOR MECHANICS	22.10	6.935+a

FOOTNOTES:

a.- Employer contributes 8% of basic hourly rate for over 5 years' service and 6% of basic hourly rate for 6 months to 5 years' service as Vacation Pay Credit. Paid Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Friday after Thanksgiving Day; Christmas Day.

* ENGI0450E 04/01/2001

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
GALVESTON COUNTY		
Cranes	19.81	3.89
Forklifts	19.81	3.89
HARRIS COUNTY		
Crane	18.34	4.65
Forklifts	18.34	4.65

FOOTNOTE: +1.00 per hour differential paid to all certified tower crane operators and all certified crane operators of 100 tons capacity and over

IRON0084A 06/01/2000

	Rates	Fringes
IRONWORKERS	17.27	4.20

* PAIN1008A 07/01/2000

	Rates	Fringes
GLAZIERS	17.00	4.59

PAIN1008D 10/03/1999

	Rates	Fringes
SOFT FLOOR LAYERS	15.30	1.11

PLAS0079A 04/01/1993

	Rates	Fringes
PLASTERERS	16.55	1.94

PLUM0068A 10/01/2000

	Rates	Fringes
PLUMBERS	22.73	5.25

* PLUM0211A 04/01/2001

	Rates	Fringes
PIPEFITTERS (including HVAC WORK)	21.71	7.35

* SFTX0669A 04/01/2001

SPRINKLER FITTERS	Rates 22.62	Fringes 7.35
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SHEE0054A 04/01/2000

SHEET METAL WORKERS (Including HVAC Duct Work)	Rates 20.15	Fringes 5.54
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SUTX1082A 04/01/1989

CARPENTERS:	Rates	Fringes
Excluding Drywall Hangers and Acoustical Ceiling	13.45	2.42
Acoustical Ceiling		
Installation Only	12.65	
Drywall Hanging Only	10.99	
CEMENT MASONS	13.43	2.18
ELECTRICIANS (Including Low Voltage Work)	14.68	3.83
LABORERS, Unskilled	7.20	
PAINTERS (Including Drywall Finishers)	12.02	3.30
POWER EQUIPMENT OPERATORS:		
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Front End Loaders	12.17	
ROOFERS	10.94	
TILE SETTERS	14.41	
TRUCK DRIVERS	10.63	

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END OF GENERAL DECISION

PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J - LIST OF ATTACHMENTS

**ATTACHMENT G – WORKLOAD UNIT AMOUNTS
TABLE OF CONTENTS**

<u>EXHIBIT NO.</u>	<u>TITLE</u>	<u>PAGE NO.</u>
G-1	WORKLOAD UNIT AMOUNTS – YEAR ONE	J-G, 1
G-1	WORKLOAD UNIT AMOUNTS – YEAR TWO	J-G, 16
G-1	WORKLOAD UNIT AMOUNTS – YEAR THREE	J-G, 31
G-1	WORKLOAD UNIT AMOUNTS – YEAR FOUR	J-G, 45
G-1	WORKLOAD UNIT AMOUNTS – YEAR FIVE	J-G, 59

**Section J, Attachment G
Workload Unit Amounts**

Values for Basic Period, Contract Year One						
Item No.		Description of Services	Unit	No. Units	Unit Value	Total Value
ANNEX 1		ADMINISTRATIVE SUPPORT				
1.2		Work Control Center	Daily	365		
1.3.1		Designate Building Manager	Square Feet	122,809		
1.3.2		Maintain Facilities	Daily	365		
1.3.3		Facilities Utilization Records	Daily	365		
1.4		Contractor Work Area Cleaning	Daily	365		
1.5		Site Critical Installation Provided Property	Item	40		
1.6.1		Quality Control Program	Program	1		
1.6.1	a	Corrective Actions Summary	Summary	12		
1.6.1	b	QC Performance Reports	Report	12		
1.6.2		Quality Control Plan	Plan	1		
1.6.3		ISO 9001- 2000 Certification	Certification	1		
1.6.4		Continuous Improvement Teams	Team	8		
1.7.1		Safety and Health Program	Program	1		
1.7.1.1		VPP Certification	Certification	1		
1.7.2		Safety and Health Plan	Plan	1		
1.7.3.1		Statistical Information Report	Report	12		
1.7.3.2		Self Evaluation Report	Report	1		
1.7.3.3		Terminated Employees Report	Report	1		
1.7.3.4		Material Safety Data Sheets	Day	365		
1.7.3.5		Hazardous Materials Inventory	Report	1		
1.7.3.6		Hazard Abatement Notices and Plans	Review	12		
1.7.3.7		Lessons Learned Report	Report	4		
1.7.3.8		Safety and Health Metrics	Report	12		
1.7.3.9		Log of Occupational Injuries/Illnesses	Report	1		
1.7.3.10		Hazards Identification	Report	1		
1.8.1		Energy and Water Conservation	Plan	1		
1.8.1.a		Y2K HVAC Equipment and Lighting Baseline Status Report	Reports	12		
1.8.1.b		Monthly Utility Report (MUR)	Reports	12		
1.8.1.c		Quarterly Energy Report (QER)	Reports	4		
1.8.1.d	a	Cold Weather Protection Plan	Plan	1		
1.8.1.d	b	Freeze Protection Survey	Survey	1		
1.90		Functional Metrics	Report	12		
1.10.1		Environmental Program (for COSS Activities)	Day	365		
1.10.2		Procure Recycled Items/Materials	Day	365		
1.10.3		Environmental Management System	Day	365		
1.10.4		Affirmative Procurement	Day	365		
1.10.5		Prohibited & Restricted Materials	Day	365		
1.10.6		Ozone Depleting Substances	Item	75		
1.10.7		Polychlorinated Biphenyls	Item	75		
1.10.8		Participate in Recycling Programs	Day	365		
1.11		Emergency Management Program	Plan	1		
1.12.5		Energy Manager	Day	365		
1.12.6		Environmental Training	Day	365		
1.13.1		Workload Data Collection Report	Report	1		
1.13.3		Cost Data Report	Report	1		
ANNEX 2		SCHEDULED MAINTENANCE AND REPAIR				
2.2.1		Implement the SM Plan	Database	1		
2.2.2		Accomplish Scheduled Maintenance				
2.2.2	ACCI001	Air Condensor Unit Inspection	PM	344		
2.2.2	ACUI001	Air Conditioner Unit, Inspection	PM	201		
2.2.2	AHUI001	Air Handler Unit, Inspection	PM	15		
2.2.2	AHUI003	Air Handler Unit Humidifier, Inspection	PM	5		
2.2.2	AHUI004	Air Handler Unit, Pre-Flight Checks	PM	173		

**Section J, Attachment G
Workload Unit Amounts**

Values for Basic Period, Contract Year One						
Item No.		Description of Services	Unit	No. Units	Unit Value	Total Value
2.2.2	AHUI005	Film Vault Air Handler Unit, Inspection	PM	1		
2.2.2	AHUI006	Air Handler Unit With Generator, Inspection	PM	2		
2.2.2	AHUM001	Air Handler Unit, Filter Change	PM	12		
2.2.2	AHUV001	Air Handler Unit, Vibration	PM	1,115		
2.2.2	APII001	Ultra Low Freezer, Inspection And Maintenance	PM	1		
2.2.2	APII002	Toaster Conveyor, Inspection And Maintenance	PM	4		
2.2.2	APII003	Refrigerator, Inspection And Maintenance	PM	2		
2.2.2	APII004	Steam Jacketed Kettle, Maintenance	PM	3		
2.2.2	APII005	Kitchen Equipment, Inspection And Maintenance	PM	34		
2.2.2	APLM001	Dishwasher, Inspect And Maintenance	PM	3		
2.2.2	APLM002	Steamer, Inspection And Maintenance	PM	7		
2.2.2	APLM003	Ice Machine Water Filter, Replacement	PM	14		
2.2.2	APLM005	Ice Machine, Maintenance And Inspection	PM	9		
2.2.2	BATII01	Electric Storage Battery Monitoring System, Data Collection	PM	5		
2.2.2	BATII02	Electric Storage Battery, Maintenance And Testing	PM	14		
2.2.2	BATM001	Electric Storage Battery, Replacement	PM	14		
2.2.2	BATM002	Battery Charger, Maintenance And Testing	PM	22		
2.2.2	BATT001	Electric Storage Battery, Maintenance And Impedance Testing	PM	14		
2.2.2	BFPT001	DCK Backflow Preventer, Test	PM	41		
2.2.2	BFPT002	PVB Backflow Preventer, Test	PM	66		
2.2.2	BFPT003	RPZ Backflow Preventer, Test	PM	176		
2.2.2	BRKM001	Vacuum Circuit Breaker, Maintenance And Test	PM	55		
2.2.2	BRKT001	Air Circuit Breaker, Maintenance And Test	PM	552		
2.2.2	BRKT002	Air Circuit Breaker Protective Relay, Functional Test	PM	26		
2.2.2	BRSC001	Steam Boiler Force Draft Air Fan, Calibrate And Inspection	PM	3		
2.2.2	BRSC002	Steam Boiler, Fuel Oil Calibration	PM	3		
2.2.2	BRSC003	Steam Boiler, Transmitter Calibration.	PM	3		
2.2.2	BRSI001	Steam Boiler, Pre Flight Checks	PM	3		
2.2.2	BRSI002	Low Pressure Gas Fired Steam Boiler, Operational Inspection	PM	37		
2.2.2	BRSI003	Boiler, Sampling And Data Collection	PM	37		
2.2.2	BRSI004	Steam Boiler, Internal Inspection	PM	37		
2.2.2	BRSM001	Steam Boiler Feed Water, Maintenance And Inspection	PM	3		
2.2.2	BRSV001	Steam Boiler Force Draft Air Fan, Vibration Check	PM	3		
2.2.2	CAPI001	Capacitor Bank, Inspection	PM	3		
2.2.2	CBLI001	15kv Feeder Cable, Inspection And Testing	PM	36		
2.2.2	CHLC001	Chiller, Calibration	PM	13		
2.2.2	CHLC003	Chiller Lube Oil System, Calibration And Inspection	PM	13		
2.2.2	CHLI001	Chiller Refrigerant System, Inspection And Calibration	PM	1		
2.2.2	CHLI003	Chiller Balance Piston, Inspection	PM	13		
2.2.2	CHLI004	Chiller, Electrical Operational Inspection	PM	13		
2.2.2	CHLI005	Chiller, Mechanical Operational Inspection	PM	13		
2.2.2	CHLI006	Chiller Gearbox, Inspection	PM	13		
2.2.2	CHLI009	Small Chiller, Operational Inspection	PM	11		
2.2.2	CHLI012	Medium Chiller, Operational Inspection	PM	5		
2.2.2	CHLV001	Chiller, Vibration Data Collection And Analysis	PM	18		
2.2.2	CLTI001	Cooling Tower Structure, inspection	PM	15		
2.2.2	CLTI002	Cooling Tower, Mechanical Inspection	PM	1		
2.2.2	CLTM001	Cooling Tower Water Treatment, Sampling	PM	15		
2.2.2	CLTV001	Cooling Tower Fan, Vibration Data Collection	PM	14		
2.2.2	COMI001	Inspection	PM	49		
2.2.2	COMI002	Stand Alone Control Air Compressor, Function Test And Inspection	PM	40		
2.2.2	COMI003	Shop Air Compressor, Function Test And Inspection	PM	41		
2.2.2	COMV001	Centrifugal Compressor, Vibration Data Collection	PM	9		
2.2.2	COMV002	Operational Inspection	PM	6		
2.2.2	CPSI001	Immersed & Buried Anode Cathodic Protection System, Inspection	PM	4		
2.2.2	CPSI002	Water Wells Buried Anode Cathodic Protection System, Inspection	PM	2		

**Section J, Attachment G
Workload Unit Amounts**

Values for Basic Period, Contract Year One						
Item No.		Description of Services	Unit	No. Units	Unit Value	Total Value
2.2.2	CRNC001	Hoist And Crane, Certification	PM	125		
2.2.2	CRNI001	Hoist And Crane, Inspection	PM	125		
2.2.2	CRNM001	Hoist And Crane, Lubrication	PM	30		
2.2.2	CTBI001	Containment Berms, Inspection And Repair	PM	2		
2.2.2	DORI001	Vertical Lift Door, Inspection	PM	12		
2.2.2	DORI002	Horizontal Sectional Hanger Door	PM	3		
2.2.2	DORI003	Automatic Sliding Door, Inspection	PM	36		
2.2.2	DORI004	Roll Up Electric Door, Inspection And Maintenance	PM	59		
2.2.2	DORI005	Electric Overhead Door, Inspection	PM	113		
2.2.2	DORM001	Automatic Sliding Door, Maintenance	PM	36		
2.2.2	EEWI001	Plumbed Eyewash And Safety Shower, Flush	PM	210		
2.2.2	EEWI002	Eyewash And Safety Shower, Inspection	PM	256		
2.2.2	EEWM001	Portable Eyewash And Safety Shower, Flush And Maintenance	PM	47		
2.2.2	ELSM001	Emergency Lighting System, Full Maintenance And Inspection	PM	70		
2.2.2	ELST002	Emergency Lighting System, 30 Second Function Test	PM	71		
2.2.2	ELST003	Emergency Lighting System, 90 Minute Test And Inspection	PM	71		
2.2.2	ELUT001	Emergency Lighting Unit, 30 Second Function Test	PM	62		
2.2.2	ELVI001	Hydraulic Elevator, Monthly Inspection	PM	36		
2.2.2	ELVI002	Hydraulic Elevator, Quarterly Inspection	PM	36		
2.2.2	ELVI003	Hydraulic Elevator, Semi-Annual Inspection	PM	36		
2.2.2	ELVI004	Hydraulic Elevators, Inspection	PM	36		
2.2.2	ELVI005	Electrical Traction Elevator, Monthly Inspection	PM	23		
2.2.2	ELVI006	Electrical Traction Elevator, Quarterly Inspection	PM	23		
2.2.2	ELVI007	Electrical Traction Elevator, Semi-Annual Inspection	PM	23		
2.2.2	ELVI008	Electrical Traction Elevator, Annual Inspection	PM	23		
2.2.2	ENGI001	Diesel Engine, Air Starter Inspection	PM	5		
2.2.2	ENGI002	Diesel Engine, Inspect And Run	PM	5		
2.2.2	ENGI005	Natural Gas Engine, Inspect And Run	PM	7		
2.2.2	ENGI007	Diesel Engine, Cooling Water Checks	PM	11		
2.2.2	ENGM002	Diesel Engine, Lube Oil Pump Service	PM	5		
2.2.2	ENGM003	Diesel Engine, Flex Hose Inspection	PM	6		
2.2.2	ENGM004	Diesel Engine, Maintenance	PM	5		
2.2.2	ENGM005	Natural Gas Engine, Clean And Lubricate	PM	7		
2.2.2	ENGM006	Natural Gas Engine, Maintenance	PM	7		
2.2.2	ENGM008	Diesel Engine, Governor Oil Change	PM	6		
2.2.2	ENGT001	Diesel Engine Protective Relay, Maintenance And Testing	PM	5		
2.2.2	EWSI001	Emergency Warning System, Maintenance And Repair	PM	1		
2.2.2	EXCI001	Exchanger, Operational Inspection	PM	103		
2.2.2	FANI001	Fan, Inspection	PM	674		
2.2.2	FANV001	Fan, Vibration Data Collection And Inspection	PM	15		
2.2.2	FGTI001	Perimeter Fencing Gates, Inspect And Repair	PM	3		
2.2.2	FILM001	Water Fountain Filter, Replacement	PM	73		
2.2.2	FILM002	Filter Bank, Replacement	PM	53		
2.2.2	GENI002	Portable Generator, Inspection	PM	67		
2.2.2	GENI004	Power Generators, Operation	PM	5		
2.2.2	GENI007	5000 Watt Portable Generator, Inspection	PM	6		
2.2.2	GENM003	Portable Generator, Maintenance And Inspection	PM	67		
2.2.2	GENM011	Power Generator, Inspection And Testing	PM	5		
2.2.2	GENT002	Portable Generator, Mission Run Test	PM	5		
2.2.2	GENT003	Power Generators, Verify Output Capacity 100% Load Test	PM	5		
2.2.2	GTSI001	Groundwater Treatment System, Inspection	PM	1		
2.2.2	GTSI002	Groundwater Treatment System Control Valve, Inspection	PM	1		
2.2.2	GTST001	Groundwater Treatment System, Sample Testing	PM	1		
2.2.2	HTRI001	Gas Fired Space Heater, Inspection	PM	91		
2.2.2	HTRI002	Gas Fired Hot Water Heater, Inspection	PM	2		
2.2.2	LFTC001	Lift, Certification	PM	79		

**Section J, Attachment G
Workload Unit Amounts**

Values for Basic Period, Contract Year One						
<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>No. Units</u>	<u>Unit Value</u>	<u>Total Value</u>
2.2.2	LFTI001	Lift, Inspection	PM	79		
2.2.2	LTGM001	Ceiling Lights, Partial Relamp	PM	161		
2.2.2	LTGM002	Ceiling Lights, Total Relamp	PM	10		
2.2.2	MCCI001	Motor Control Center, Clean And Inspection	PM	101		
2.2.2	NGST001	Natural Gas Valve Regulator Station 4, Exercise	PM	1		
2.2.2	NGST002	Natural Gas Valve Regulator Station 6, Exercise	PM	1		
2.2.2	NGST003	Natural Gas Valve Regulator Station 5, Exercise	PM	1		
2.2.2	NGST004	Natural Gas Valve Ave B Main Line, Exercise	PM	1		
2.2.2	NGST005	Natural Gas Valve Regulator Stations 10 12 And 13, Exercise	PM	1		
2.2.2	NGST006	Natural Gas Valve Regulator Stations 7 And 8, Exercise	PM	1		
2.2.2	NGST007	Natural Gas Valve Regulator Station 14, Exercise	PM	1		
2.2.2	NGST008	Natural Gas Valve Regulator Station 3, Exercise	PM	1		
2.2.2	NGST009	Natural Gas Valve Ellington Field, Exercise	PM	1		
2.2.2	OILI001	Rotating Equipment Oil Analysis, Sampling Instructions	PM	26		
2.2.2	OILI002	Chiller Oil And Refrigerant, Sampling And Analysis	PM	18		
2.2.2	OILI003	Dielectric Insulating Liquid, Inspection & Tests	PM	126		
2.2.2	PLWI001	Plating Waste Pretreatment System UCS Alarm, Inspection	PM	15		
2.2.2	PLWI002	Plating Waste Pretreatment System Control Equipment, Inspection	PM	15		
2.2.2	PMPi001	Pump, Inspection And Maintenance	PM	257		
2.2.2	PMPi002	Boiler Feed Water Pump, Inspection	PM	5		
2.2.2	PMPM001	Fuel Oil Pump Coupling, Grease	PM	3		
2.2.2	PMPV001	Pump, Vibration Data Collection And Inspection	PM	427		
2.2.2	PNLI001	Electrical Distribution Panel, Inspection	PM	259		
2.2.2	PWDT001	Potable Water Valve, Exercise Valves And Fire Hydrant	PM	1		
2.2.2	RADM001	Radio Base Station, Maintenance	PM	3		
2.2.2	RPDM001	Memorials, Inspect And Maintain	PM	2		
2.2.2	RPDM002	Flag Pole, Inspect And Maintain	PM	2		
2.2.2	SCRI001	Steam Trap Ultrasonic And Temperature, Inspection	PM	98		
2.2.2	SETI001	Structural Exterior, Inspection	PM	188		
2.2.2	SISI001	Intercom System, Maintenance And Repair	PM	1		
2.2.2	SKRI001	Oil Skimmer, Inspection	PM	9		
2.2.2	SKRM001	JSC Site Oil Skimmer, Clean Out	PM	4		
2.2.2	SKRM002	ELL Site Oil Skimmer, Clean Out	PM	9		
2.2.2	SNSI001	Grease Trap, Inspect	PM	4		
2.2.2	SWG1002	Switchgear Enclosure, Inspection And Maintenance	PM	133		
2.2.2	SWII001	15kv Automatic Circuit Recloser, Inspect And Maintain	PM	3		
2.2.2	SWII002	Load Break Switch, Inspection And Maintenance	PM	43		
2.2.2	SWII003	Automatic Transfer Switch, Inspection And Maintenance	PM	36		
2.2.2	SWII004	Manual Transfer Switch, Inspection And Maintenance	PM	35		
2.2.2	SWII005	High Voltage Oil Switch, Inspection And Maintenance	PM	15		
2.2.2	SWIM001	Switch, Inspection And Maintenance High Voltage Air Switch	PM	8		
2.2.2	SWIM003	High.Voltage SF6 or Vacuum Switch Inspection And Maintenance	PM	11		
2.2.2	SWSM001	Storm Water Collection System, Clean And Inspect	PM	1		
2.2.2	TISI001	Turf Irrigation Valve, Inspection And Repair	PM	1		
2.2.2	TRLI001	Trailer, Inspection	PM	52		
2.2.2	TRNT001	Dry Transformer, Insulation Testing	PM	19		
2.2.2	UPSI003	Uninterrupted Power Source, Inspection	PM	48		
2.2.2	UPSM001	Uninterrupted Power Source, Five Year Maintenance	PM	22		
2.2.2	UPSM002	Uninterrupted Power Source, Annual Maintenance	PM	47		
2.2.2	UPSM003	Uninterrupted Power Source, Semi-Annual Maintenance	PM	22		
2.2.2	UPSM004	Uninterrupted Power Source, Rotary Ups Inspect And Maintain	PM	2		
2.2.2	UPST001	Uninterrupted Power Source, Inferred Thermography Testing	PM	22		
2.2.2	VEHI001	ATV Inspection And Service	PM	1		
2.2.2	VEHI002	Electric Forklift, Maintenance And Inspection	PM	22		
2.2.2	VEHI003	General Mobile Equipment, Inspection	PM	55		
2.2.2	VEHI005	Manlift, Pallet Lift, And Pallet Jacks, Maintenance And Repair	PM	5		

**Section J, Attachment G
Workload Unit Amounts**

Values for Basic Period, Contract Year One						
Item No.		Description of Services	Unit	No. Units	Unit Value	Total Value
2.2.2	VEH006	Equipment And Vehicle, Meter Reading	PM	59		
2.2.2	VEHM001	Oil And Filter Change	PM	55		
2.2.2	VFDI001	Variable Frequency Drive, Maintenance And Inspection	PM	122		
2.2.2	VIBI001	General Vibration Data Collection And Analysis	PM	2		
2.2.3		Equipment Inventories	Inventory	1		
2.2.4		Equipment Identification	Program	1		
2.2.5	a	Class I Pressure Vessel Inspections	Inspection	535		
2.2.5	b	Class II Pressure Vessel Inspections	Inspection	8		
2.2.5	c	Class III Pressure Vessel Inspections	Inspection	50		
2.2.5	d	Relief Valve Certification and Support	Certification	450		
2.2.5	e	Flex Hose Certification	Certification	24		
2.2.6		Light/Lamp Replacement	Fixture	20,000		
2.3.1	a	JA/COD Repair Program	Day	365		
2.3.2		Non Lump Sum Emergency Response	Emergency Call	200		
2.3.3		Critical Spare Parts Management	Day	365		
2.4		Maintenance Activation Program	Day	365		
2.4.h		Quarterly Reconciliation Report	Report	4		
2.5		Warranty Program	Program	1		
2.5	a	Administer Warranty	Warranty	300		
2.5	f	Warranty Report	Report	12		
2.6		Availability & Reliability	Day	365		
2.7		Reliability Centered Maintenance	Analysis	4		
2.9.1		User Equipment Maintenance Report	Report	12		
2.9.2		Pressure System Certification Testing Report	Report	12		
ANNEX 3		DIRECTED SERVICES				
3.2.1	a	Paint All Pedestrian Crosswalks	Linear Foot	3,000		
3.2.1	b	Paint street markings & parking lot markings	Mile	60		
3.2.1	c	Re-stencil all reserved parking space designations	Restored Space	1,650		
3.2.1	d	Resecure traffic control signs/nameplate holders	Sign/Nameplate Holder	15		
3.2.1	e	Install new traffic control signs/nameplate holders	Sign/Nameplate Holder	60		
3.2.1	f	Install new traffic control signs with posts	Sign/Post	15		
3.2.1	g	Maintain road surface reflectorized buttons & ceramic markers	Button/Marker	10		
3.2.1	h	Paint fire hydrants, post indicator valves, etc.	Month	12		
3.2.1	i	Maintain records for Building 304 surface coating activities	Occurrence	30		
3.2.2	a	Plan	Review	2		
3.2.2	b	Maintain Contents of Hurricane Cabinets	Cabinet	26		
3.2.2	c	Maintain Emergency Storm Supplies List	Review	1		
3.2.2	d	Accomplish Hurricane/Severe Weather Level IV Activities	Annual	1		
3.2.3	a	Special Events	Event	4		
3.2.3	b	Minor Events	Annual	1		
3.2.3	c	Crew Returns	Mission	6		
3.2.4	a	COSS Technical Reference Library Plan	Plan	1		
3.2.4	c	Maintain COSS Technical Library Collection	Month	12		
3.3.2	a	Develop the FCA Plan	Plan	1		
3.3.2	b	Implement the FCA Plan	Monthly	12		
3.3.2	c	Document and Maintain FCA Database	Day	365		
3.3.2	d	Provide Monthly FCA Status Report	Report	12		
3.3.2	e	Provide Annual Facility Condition Assessment Report	Report	1		
3.3.3	a	Perform Comprehensive Visual Roof Inspection	Report	1		
3.3.3	b	Perform Non-Destructive Roof Inspections	Day	365		
3.3.3	d	Roof Mounted Appurtenance Inspection	Day	365		
3.3.4		Perform Building Exterior Inspection	Report	1		
3.3.5		Perform Roads Inspection	Report	1		
3.3.6		Perform Sidewalk Inspection	Report	1		
3.3.7		Perform Inspections of All Fences	Report	1		

**Section J, Attachment G
Workload Unit Amounts**

Values for Basic Period, Contract Year One						
Item No.		Description of Services	Unit	No. Units	Unit Value	Total Value
3.3.8		FCA Inspection - Sanitary Sewer System	Report	1		
3.3.9		FCA Inspection - Stormwater Collection System	Report	1		
ANNEX 4		OPERATIONS				
4.2.1.1.1.a		Boiler and Condensate Return System	Day	365		
4.2.1.1.2.a		Building 24 Central Plant Steam/Boiler System	Day	365		
4.2.1.2.1.a		138 kV JSC Site Electrical Substation	Day	365		
4.2.1.2.1.b		Operate Building 48 Power Systems	Day	365		
4.2.1.2.1.c		Building 48 Power Generators and UPS	Day	365		
4.2.1.2.2.a		Mission Shuttle Support	Mission	6		
4.2.1.2.2.a	a	Provide Alternate Mission Manager	Day	30		
4.2.1.2.2.a	b	Provide Mission Meeting Support	Mission	6		
4.2.1.2.2.a	c	Provide Utility System Drawings	Drawing	40		
4.2.1.2.2.b		Preflight Checkout of Power Systems	Mission	6		
4.2.1.2.2.b	a	Provide Mission Support Plan	Plan	6		
4.2.1.2.2.c		Read and Record Power Systems Meters	Day	365		
4.2.1.2.3.a		Read and Record Kilowatt Hours Meters	Reading	12		
4.2.1.2.3.b		Test Power Protective Devices	Annually	1		
4.2.1.2.3.c		Output Capacity	Annually	1		
4.2.1.2.3.d		Power Recording Charts	Day	365		
4.2.1.3.1.a		Heating and Cooling Plant Chilled Water Production Systems	Day	365		
4.2.1.3.1.b		Building 48 Chilled Water Production System	Day	365		
4.2.1.3.2.a		Chilled Water System Meters/Gauges	Day	365		
4.2.1.3.2.b		Operate Condenser Water Treatment Systems	Day	365		
4.2.1.4.1.a		Operate Water Treatment System	Day	365		
4.2.1.4.1.b		Operate Water Storage System	Day	365		
4.2.1.4.1.c		Operate Water Pumping System	Day	365		
4.2.1.4.1.d		Operate JSC Water Well	Day	365		
4.2.1.4.2.a		Read and Record Water Plant Meters	Day	365		
4.2.1.4.2.b		Maintain Water Plant Operations Log	Day	365		
4.2.1.4.2.c		Maintain Water Chart Recorder	Day	365		
4.2.1.4.2.d		Well Drawdown Test	Test	4		
4.2.1.5.1.a		Operate Compressed Air System	Day	365		
4.2.1.5.2		Read and Record Compressed Air System Meters/Gauges	Day	365		
4.2.1.6.1.a		Man & Operate Operations Control Center	Day	365		
4.2.1.6.1.b		Man & Operate EMCS	Day	365		
4.2.1.6.1.c		Manage EMCS Software	Day	365		
4.2.1.6.1.d		EBI Workstation Support	Day	365		
4.2.1.6.1.d	a	Field Configuration Report	Report	5		
4.2.1.6.1.e		EMCS Building Control Systems Support	Day	365		
4.2.1.6.2.a		Action Item File	Week	52		
4.2.1.6.2.b		Operating Set Point Limits	Day	365		
4.2.1.6.2.c		Monitoring and Control Systems	Day	365		
4.2.1.6.2.d		EMCS Operations Review Board	Week	52		
4.2.1.6.3.a		Preflight Checkout of EMCS	Mission	6		
4.2.1.6.3.b		Maintain EBI Historical File Media	Day	365		
4.2.1.6.3.c		Service System Printers	Day	365		
4.2.1.7.1.a		Operate Site Fuel Systems	Gallon	90,000		
4.2.1.7.2		Fuel Mobile Support Equipment	Gallon	600		
4.2.1.7.3		Fuel Oil Monitoring	Day	365		
4.2.2.1		Operate Steam and Condensate Return	Day	365		
4.2.2.1.2		Inspect Visual Checks Steam Distribution System	Inspection	4		
4.2.2.2.1.a		Site 15kV Distribution System Operation	Day	365		
4.2.2.2.1.b		Site 15kV Distribution System Inspection	Day	365		
4.2.2.2.1.c		Inspect EF & SCTF Electrical Distribution Systems	Inspection	4		
4.2.2.2.1.d		Exterior Lighting System	Day	365		

**Section J, Attachment G
Workload Unit Amounts**

Values for Basic Period, Contract Year One						
Item No.		Description of Services	Unit	No. Units	Unit Value	Total Value
4.2.2.2.2.a		High Voltage Switching Documentation	Document	6		
4.2.2.2.2.b		Read and Record System Meters and Gauges	Day	365		
4.2.2.2.2.c		Dragnet Recorder Service	Day	365		
4.2.2.2.2.d		Control Access to Building 221 Area	Day	365		
4.2.2.3.1.a		Operate Chilled Water Distribution System	Day	365		
4.2.2.3.2		Inspect Tunnel Chilled Water Distribution	Inspection	4		
4.2.2.4.1.a		Operate Water Distribution System	Day	365		
4.2.2.4.2.a		Water Distribution System Activities Log	Day	365		
4.2.2.4.2.b		Fire Hydrant System Test	Day	365		
4.2.2.5.1.a		Operate Sanitary Sewer Pumping and Distribution System	Day	365		
4.2.2.5.2.a		JSC and EF Operator Activities Log	Day	365		
4.2.2.5.2.b		Read and Record Distribution System Meters and Rainfall	Day	365		
4.2.2.5.3.a	a	Grease Traps	Pump Out	36		
4.2.2.5.3.a	b	Oil/Water Separators	Pump Out	19		
4.2.2.5.3.b		JSC Stormwater	Pump Out	6		
4.2.2.6.1.a		Operate Compressed Air Distribution System	Day	365		
4.2.2.6.1.b		Inspect Compressed Air Distribution System	Inspection	4		
4.2.2.7.1.a		Operate Natural Gas Distribution System	Day	365		
4.2.2.7.2.a		Maintain Daily Log	Day	365		
4.2.2.7.2.b		Read and Record Distribution System Meters	Day	365		
4.2.2.7.2.c		Inspect Natural Gas Distribution System	Inspection	1		
4.2.3.1		Operate Steam and Condensate Return	Day	365		
4.2.3.1.2		Low Pressure Steam Boiler Systems	Day	365		
4.2.3.2.1.a		Operate 15kV Facility Switches	Day	365		
4.2.3.2.1.b		Operate JSC Low Voltage Systems	Day	365		
4.2.3.2.2.a		Test the Test Power Generators	Week	52		
4.2.3.2.2.b		Read / Record Electrical Power Loads	Day	365		
4.2.3.2.3		Electrical Power Systems Loads Transfer	Day	365		
4.2.3.3.1.a		Operator / Monitor HVAC Systems	Day	365		
4.2.3.3.2.a		Read / Record MCC Complex HVAC System	Day	365		
4.2.3.3.2.b		Monitor / Inspect Hot Water Converters and Boilers	Day	365		
4.2.3.3.2.c		Inspect JSC Humidifiers	Day	365		
4.2.3.4		Operate Potable Water and Domestic Hot Water	Day	365		
4.2.3.4.2		Water Operations Log	Day	365		
4.2.3.5.1		Operate Compressed Air Systems	Day	365		
4.2.3.5.2		Inspect Facility Compressed Air Systems	Inspection	4		
4.2.3.5.3		Test Backup Control Compressed Air System	Annual	1		
4.2.3.6.1		Test Building Control System Interface	Annual	1		
4.2.3.7.1		Operate Natural Gas Distribution Systems	Day	365		
4.2.3.7.1	a	Inspect Natural Gas Distribution System	Inspection	4		
4.2.3.7.2		JSC and EF Natural Gas Distribution System Log	Day	365		
4.2.3.8.1		Fill Portable and Stationary Equipment Tanks	Gallon	15,000		
4.2.3.9.1		Inspect Valve Marker Identification	Day	365		
4.2.3.9.2.a		Mark Utility Systems	Utility Marking	75		
4.2.3.9.2.b		Documentation	Annual	1		
4.2.5.1		Water Utility Report	Month	12		
4.2.5.2	a	Submit Mission Readiness Plan	Plan	1		
4.2.5.2	b	Submit Fire Hydrant	Plan	1		
4.2.5.2	c	Submit O&M Manuals	Plan	1		
4.2.5.2	d	Submit EMCS Alarm Management Plan	Plan	1		
ANNEX 5		ENGINEERING				
5.2		Scope of Work	SOW	300		
5.2.d		Design Status Meeting	Meeting	26		
5.3.a		\$0 - \$2,500 Designs	Design	70		
5.3.b		\$2,501 - \$10,000 Designs	Design	120		

**Section J, Attachment G
Workload Unit Amounts**

Values for Basic Period, Contract Year One						
Item No.		Description of Services	Unit	No. Units	Unit Value	Total Value
5.3.c		\$10,001 - \$25,000 Designs	Design	70		
5.3.d		\$25,000 - \$50,000 Designs	Design	20		
5.3.e		\$50,001 - \$100,000 Designs	Design	10		
5.3.1		\$100,001 - \$200,000 Designs	Design	10		
5.3.1		Field Design Fix	Field Fix	20		
5.4		Submittal Shop Drawing Review	Review	15		
5.5		Master Facility Drawing Updates	Drawing	2,500		
5.6		Redline Verification Reviews	Review	5		
5.7.1		Standard Detail Drafting	Drawing	25		
5.7.2		Miscellaneous Design Drafting	Drawing	120		
5.7.3		CAD File Support	Review	5		
5.7.4		Electronic File Distribution	Files	1,100		
5.8.1		Cable Permits	Tunnel Permit	25		
5.8.2		Inspect Cable Changes	Inspection	35		
5.8.2	a	Tunnel Cable Records	Record	25		
5.8.3		Digging Permits	Digging Permit	50		
5.9	a	Field Check Updates	Drawing	525		
5.9	b	Redline Updates	Drawing	75		
5.9	c	Construction Updates	Drawing	80		
5.9	d	Room Number Assignments	Room Number	150		
5.9	e	Distribute Updated FHP Drawings	Request	100		
5.9	f	Distribute FHP Document	Document	200		
5.10	a	Update FEP Drawings	Drawing	35		
5.10	b	Create New FEP	Drawing	15		
5.10	c	Distribute FEP	Drawing	75		
5.11		Real Property Accounting	Voucher	250		
5.11.1		Account Reconciliation	Account	400		
5.11.2		Real Property Inventory	Line Item	800		
5.11.3		Inventory Tagging	Tagged Item	110		
5.11.4		Records Research	Researches	75		
5.11.5		Real Property Accounting System Data Entry	Voucher	250		
5.11.6		Update Real Estate Drawings and Facility Master Plans	Drawing Update	4		
5.12		SPECTSINTACT System Maintenance	Update	6		
5.12.1		SWT Meeting Support	Meeting	12		
5.12.2		Process SPECTSINTACT Text Changes	Change	30		
5.12.4		Specification Production	Edit	30		
ANNEX 8		INFORMATION TECHNOLOGY				
8.2		Mainframe Application IT Support	Day	365		
8.3.1		IT Support for the CMMS	Day	365		
8.3.2		Provide CMMS Capability	Day	365		
8.3.3		Maintain CMMS Program	Day	365		
8.3.4		Maintain History Files	Day	365		
8.4		Environment Management IT Support	Day	365		
8.5		EMCS Database Support	Day	365		
8.6		System Operations/Maintenance	Day	365		
8.7		Online System Access and Support	Day	365		
8.8.1		Provide CAD Software Support	Hour	200		
8.8.2		Provide CAD Software License	License	2		
8.8.3		CGM Viewing Support/ Facility Drawing Database	Day	365		
8.8.4		Data Entry	Hours	40		
8.9.1		Gas Tracking System	Tracking System	1		
8.9.2.1		Barcode Scanners/ Support Maintenance	Day	365		
8.9.3		Thermography Data Support	Day	365		
8.9.4		Vibration Data Support	Day	365		
8.9.5		Real Property Database Support	Hour	40		

**Section J, Attachment G
Workload Unit Amounts**

Values for Basic Period, Contract Year One						
<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>No. Units</u>	<u>Unit Value</u>	<u>Total Value</u>
8.9.6		Wine/ Means	Hour	40		
8.10	a	NEMS System Scanning	System	1		
8.10	b	IT Scanning Support	Hour	80		
8.11		Computer Systems and Data Security	Day	365		
8.11.2		Computer Security Manager	Day	365		
8.12.1	a	IT Help Support - Routine	Week	52		
8.12.1	b	IT Help Support - Emergency	Day	365		
8.12.2		Documentation Maintenance/ Update for Major Systems	Day	365		
8.12.3		Minor Systems Documentation	Day	365		
8.12.4		Minor Applications Documentation	Survey	1		
8.13.1		IT Security Plan	Plan	1		
ANNEX 9		ENVIRONMENTAL SERVICES				
9.2		Environmental Compliance Management (Site Activities)	Day	365		
9.2.1		Corrective Action	Day	365		
9.2.2	a	Compliance Inspection	Inspection	8		
9.2.2	b	Compliance EMS Audits	Audit	5		
9.2.2	c	External Compliance Audit	Audit	1		
9.2.2	d	Pre Audit Check List	Check List	4		
9.2.3	a	Building Audits	Audit	186		
9.2.3	b	Program Assessment	Assessment	1		
9.3		Industrial Solid Waste Management Program	Day	365		
9.3.1	a	Waste Pickup	Pickups	1,920		
9.3.1	b	Provide containers to waste generators	Containers	1,080		
9.3.2		Administer ISW Waste Streams	Day	365		
9.3.3		Maintain Waste Satellite Accumulation Areas (SAPs)	SAPs	150		
9.3.4	a	Operate and Manage all ISW Storage Facilities	Day	365		
9.3.4	b	Perform Tank Integrity Testing	Test	13		
9.3.5	a	Operate and Manage Waste treatment system	Day	365		
9.3.5	b	Sample Treated Batch	Samples	52		
9.3.6		Arrange for ISW Waste Transport and Disposition	Day	365		
9.3.7		Conduct Audits of TSDRs Facilities	Audit	10		
9.4		Air Quality Program	Day	365		
9.4.1		Operate the Building 222 CEMS	Day	365		
9.4.1	a	Inspect the CEMS	Day	286		
9.4.1	b	Building 222 CEMS Records	Record	286		
9.4.1	c1	Building 222 Rolling Average Calculations-Weekly	Calculation	52		
9.4.1	c2	Building 222 Rolling Average Calculations-Monthly	Calculation	12		
9.4.1	d	Building 222 CEMS Relative Accuracy Test Audit	Test	1		
9.4.1	e	Building 222 CEMS Cylinder Gas Audit	Test	3		
9.4.2		Ensure Building 24 Boiler Emission Compliance	Day	365		
9.4.2	a	Building 24 Boiler Data Entry and Records	Record	12		
9.4.2	b	Natural Gas Supplier Certificate	Certificate	1		
9.4.2	c	Natural Gas Sample Analysis	Sample	1		
9.4.2	d	Diesel Supplier Certificate	Certificate	10		
9.4.2	e	Fuel Delivery Record	Record	12		
9.4.3		Ensure Surface Coating Facilities Compliance	Day	365		
9.4.3	a	Monthly Records	Record	60		
9.4.3	b	Monthly Inspections	Inspection	52		
9.4.4	a	Track Air Emissions	Day	365		
9.4.4	b	Perform TNRCC Standard Exemption Reviews	Review	1		
9.4.4	c	Building 262 Data Collection	Record	12		
9.4.4	d	JSC and EF Oil/ Water Separators Sampling	Sample	18		
9.4.4	e	Emergency Generators Data	Record	480		
9.4.4	f	Building 383 Air Stripper System	Record	52		
9.4.5		Perform Calculations for Emissions Inventory Report	Month	12		

**Section J, Attachment G
Workload Unit Amounts**

Values for Basic Period, Contract Year One						
Item No.		Description of Services	Unit	No. Units	Unit Value	Total Value
9.4.6		Opacity Readings	Opacity Reading	18		
9.5		Water Pollution Control and Prevention Program	Day	365		
9.5.1		Manage Sanitary Sewer Discharges	Discharge Points	400		
9.5.1	a	Develop & Update List of Sanitary Sewer Discharges	Day	365		
9.5.1	b	Implement Sanitary Sewer Discharge Mgt Plan	Day	365		
9.5.1	c	Review Request for Changes	Review	50		
9.5.1	d	Collect Samples	Sample	100		
9.5.2		Storm Water Management Program implementation	Day	365		
9.5.2	a1.	Conduct SWPPP inspections	Location	40		
9.5.2	a2	Inspect & Manage Rainfall at Containments	Containment	50		
9.5.2	b	Conduct Periodic Field Investigations	Investigation	20		
9.5.2	c	Conduct Annual Audits	Audit	3		
9.5.2	d	Review Sedimentation and Erosion Control Plans	Plan Review	20		
9.5.3		Spill Prevention Control and Countermeasure (SPCC) Program	Day	365		
9.5.3	a	Conduct Monthly Inspections	Inspection	60		
9.5.3	a1	Conduct Weekly Inspections	Inspection	3,016		
9.5.3	a2	Conduct Daily Inspections	Inspection	365		
9.5.4		Operation and Maintenance of Impoundments	Day	365		
9.5.4	a	Perform Annual Cleaning	Cleaning	1		
9.5.4	c	Clean Water Knives	Cleaning	2		
9.6		Implement Lead Program	Day	365		
9.7		Asbestos Program	Day	365		
9.7	d	Provide HEPA Vacuum Decontamination & Seicing	Cleaning	150		
9.8		Implement Petroleum Storage Tank Program	Day	365		
9.8	b	Perform Annual Impoundment/Tank Integrity Testing	Tests	5		
9.9		Implement Groundwater Protection Program	Day	365		
9.9.1	c	Collect Samples	Sample	16		
9.10	a	Emergency Response	Chemical Spill	60		
9.10	b	Asbestos Spill Cleanup	Asbestos Spill	60		
9.11		Pollution Prevention and Resource Conservation	Day	365		
9.11.1		Track and Evaluate Information	Month	12		
9.11.2	a	Pollution Prevention Opportunity Assessments (PPOA)	PPOAs	20		
9.11.2	b	Develop standard PPOA data collection form	Form	1		
9.11.2	c	Implement PPOAs	PPOA implementation	6		
9.11.3		Ozone Depleting Substance Tracking Program	Day	365		
9.11.4		EPCRA Compliance Program	Day	365		
9.12		Communication, Training and Participation in Work Groups	Day	365		
9.12.2		Participate in Committees and Work Groups	Week	52		
9.13		Environmental Management System (EMS)	Day	365		
9.13	a	EMS User Access support	User	150		
9.13	b	Impact Team Meetings	Meeting	26		
9.13	c	Develop/Revise EMS Procedures	Procedure	25		
9.13	d	Develop Presentations	Presentations	20		
9.13	e	EMS Webpage Updates	Weekly	52		
9.14		Implement Toxic Substances Control Act (TSCA) Program	Day	365		
9.15		Personnel Qualification Requirements	Day	365		
9.16		Records, Reports, and Submittals	Day	365		
9.16.1.1		Environmental Compliance Plan	Year	1		
9.16.1.2		Annual Building Inspection Report	Report	186		
9.16.1.3		Self Assessment Findings Report	Report	1		
9.16.1.4		Environmental Resource Documents	Year	4		
9.16.1.5		Develop Standard Operating Procedures	Procedure	10		
9.16.2.1		Annual Waste Summary	Report	3		
9.16.2.2		Annual Site Activity Report	Report	1		
9.16.2.3		Monthly Waste Shipment	Report	36		
9.16.2.4		Monthly Waste Receipt Summary	Report	12		

**Section J, Attachment G
Workload Unit Amounts**

Values for Basic Period, Contract Year One						
<u>Item No.</u>		<u>Description of Services</u>	<u>Unit</u>	<u>No. Units</u>	<u>Unit Value</u>	<u>Total Value</u>
9.16.2.5		Monthly ISW Generator Report	Report	12		
9.16.2.6		ISW Contingency Plan	Plan	3		
9.16.2.7		ISW Waste Analysis Plans	Plan	3		
9.16.2.8		TSDR and Transportation Facility Audit Reports	Report	10		
9.16.2.9		ISW Tank Inspection Reports	Report	1		
9.16.2.10	a	ISW Tank Cleaning Plan	Plan	1		
9.16.2.10	b	ISW Tank Cleaning Report	Report	1		
9.16.2.11		Manifest Exception Reports	Report	3		
9.16.2.12		Biennial Hazardous Waste Report	Report	2		
9.16.2.13		Review and Update Closure Plan	Plan	4		
9.16.2.14		Review and Update RCRA Training Plan	Plan	3		
9.16.3.1		Develop and Submit RATA Report	Report	1		
9.16.3.2		Develop and Submit CGA Report	Report	3		
9.16.3.3		Develop and Submit Semiannual Db Excess Emission Report	Report	2		
9.16.3.4		Develop and Submit Semiannual Dc Excess Emission Report	Report	2		
9.16.3.5		Develop and Submit Emissions Inventory Report	Report	3		
9.16.3.6		Develop and Submit IPG Report	Report	1		
9.16.3.7		Report Analytical Results of Samples of O/W Separators at JSC and EF	Report	5		
9.16.4.1		Sanitary Sewer Industrial Discharge Management Plan	Day	365		
9.16.4.2		Annual Storm Water Plan Compliance Report	Report	3		
9.16.4.3		Update the JSC, EF and EPFOL Storm Water Pollution Prevention Plans	Plan	2		
9.16.4.4		Sedimentation and Erosion Control (SEC) Plan Reports	Report	20		
9.16.4.5		Spill Prevention Control and Countermeasure (SPCC) Report	Review	4		
9.16.5.1		Site-wide Annual Asbestos Inspection and Assessment	Inspection/Assessment	1		
9.16.5.2		Submit Asbestos Notifications to OMOH / FM	Notification	1,200		
9.16.6.1		Annual Petroleum Storage Tank (PST) Integrity Report	Report	1		
9.16.6.2	a	General Land Office Applications and Certificates	Application	2		
9.16.6.2	b	Submit Response Certification	Certification	2		
9.16.6.3		Regulated and Unregulated Petroleum Storage Tank (PST) Database Submit PST database	Report	1		
9.16.7.1		Groundwater Monitoring Well (MW) Statistics and Recovery Trends Report	Report	1		
9.16.8.1		Source Reduction and Waste Minimization Report	Report	3		
9.16.8.2		Pollution Prevention Plans	Plan	3		
9.16.8.3		NASA Recycling and Affirmative Procurement Report	Report	1		
9.16.8.4		Pollution Prevention Opportunity Assessment (PPOA) Reports	Report	20		
9.16.8.5		Annual ODS Usage Report	Report	1		
9.16.8.6		Develop Environmental Award Applications	Application	3		
9.16.8.7		Notifications to Agencies	Day	365		
9.16.8.8		Toxic Release Inventory	Report	4		
9.16.9.1		Environmental Study/Design Review	Study/Design Review	20		
9.16.10.1		Polychlorinated Biphenyl Annual Written Document Log	Report	2		
ANNEX 10		SUPPLY				
10.2.2	a	Ensure shelf life material	Line Item	840		
10.2.2	b	Document Tracking	Transaction	27,000		
10.2.2	c	Inventory Reconciliation	Day	365		
10.2.2	d	Document Control	Document	12,251		
10.2.2	e	JSC Form 1710	Form	3,000		
10.2.2	f	Cataloging	Day	365		
10.2.2	g	JSC Form 500	Form	10		
10.2.2	h	Prepare and Submit JSC Form 1303	Submission	10		
10.2.2	i	Assign Stock Numbers	Line Item	1,300		
10.2.2	j	Perform Add/User/Withdraw Actions	Action	12		

**Section J, Attachment G
Workload Unit Amounts**

Values for Basic Period, Contract Year One						
Item No.		Description of Services	Unit	No. Units	Unit Value	Total Value
10.2.2	k	Form 1685	Form	12		
10.2.2	l	SFM Tapes	Tape	10		
10.2.2	m	Standardization Studies	Study	12		
10.2.2	n	Acquisition and Inventory Management	Day	365		
10.2.2	n1	Purchase Stock Items	Purchase	800		
10.2.2	n2	Suspended receipt & Issue Transactions	Day	365		
10.2.2	n3	JSC Form 500/ 500a	Form	10		
10.2.2	n4	NSMS Complete Access Report	Report	4		
10.2.2	o	Cost Accounting System	Day	365		
10.2.2	p1	Issue Stock	Issue	8,000		
10.2.2	p2	Stock Returns	Return	156		
10.2.2	p3	Work Stoppages	Work stoppage	100		
10.2.2	q	DV Program	Day	365		
10.2.2	r	Program Stock Receipts	Receipt	3,000		
10.2.2	s	Program Stock Discrepancies	Line Item	25		
10.2.2	t	Program Stock Temporary Hold	Piece	60		
10.2.2	u	Program Stock Issues	Issue	8,000		
10.2.2	v	NASA Tagged Hardware	Day	365		
10.2.3		Sample Physical Inventory of Assets	Inventory	3		
10.2.4		Temporary Storage	Case File	125		
10.2.5	a	Gas Cylinder Purchases	Day	365		
10.2.5	b	Repaint/Refurbish Cylinders	Cylinder	120		
10.2.5	c	Scrub/scrap Cylinders	Cylinder	50		
10.2.5	d	Rejected Cylinders (contents)	Cylinder	130		
10.2.6.1		Master Case File Listing	Report	12		
10.2.6.2		Case File Listing	Report	125		
10.2.6.3		Physical Inventory Schedule	Schedule	1		
10.2.6.4		Store Stock and Critical Spares Catalogs	Catalog	3		
10.2.7		Personnel Requirements	Day	365		
10.3.2	a	New Furniture Receipts	Piece	3,200		
10.3.2	b	Used Furniture Receipts	Piece	13,000		
10.3.2	c	Prepare Furniture for Delivery	Piece	11,750		
10.3.2	d	Connect/Disconnect Furniture	Piece	11,000		
10.3.3		In-Field Furniture Repair	Piece	4,000		
10.3.4		Carpet Operations	Square Yard	2,000		
10.3.5		Conduct Carpet/Furniture Inventories	Inventory	12		
10.3.6		Furniture & Carpet Inventory Report	Report	12		
10.3.7		Personnel Expertise Requirements	Day	365		
10.4.2		Maintenance and Repair - Radio Communications Equipment	Day	365		
10.4.2	a	Priority 1	Request	15		
10.4.2	b	Priority 2	Request	15		
10.4.3		Maintenance and Repair - Portable Radios and Chargers	Request	30		
10.4.4		Installation and Removal	Operation	28		
10.4.5		Radio Equipment Preventive Maintenance	Day	365		
ANNEX 11		PROPERTY AND EQUIPMENT				
11.2.2	a	Requested NEMS Report	Report	5,100		
11.2.2	b	Quarterly/Monthly NEMS Reports	Report	65,000		
11.2.2	c	NEMS User List	List	10,000		
11.2.2.1		NEMS Documentation	Transaction	37,000		
11.2.2.2		CD-Rom Archival	Document	50,000		
11.2.2.3	a	Wall to Wall Equipment Inventory	Inventory Item	18,000		
11.2.2.3	b	Sensitive Inventory	Inventory Item	5,000		
11.2.2.4	a	In-place Equipment tagging	Equipment Item	500		
11.2.2.4	b	In-place Equipment de-tagging	Equipment Item	1,000		
11.2.2.4	c	Found on Station Form	Form	15		

**Section J, Attachment G
Workload Unit Amounts**

Values for Basic Period, Contract Year One						
Item No.		Description of Services	Unit	No. Units	Unit Value	Total Value
11.2.2.4	d	Cannibalization/Modification Form	Form	50		
11.3.1	a	Process Shipping Document	Form	2,670		
11.3.1	b	Maintain & track logs & data	Day	365		
11.3.1	c	Create folders and log records	Day	365		
11.3.1	d	Annotate Records	Day	365		
11.3.1	e	Process Employee Clearances	Form	106		
11.4.2.a		Reutilization and Disposal Operations	Line Item	20,500		
11.4.2.b		Pick up of Scrap Metals	Pickup	250		
11.4.3		Stevenson-Wydlar Program and Computers for Learning Program	Requests	75		
11.4.4		Shuttle Orbiter Tile Program	Tiles Shipped	400		
11.4.5.a		Perform Physical Inventory	Inventory	1		
11.4.5.b		Final Inventory Report	Report	1		
11.4.5.c		Inventory Adjustment Record for Shortages	Record	1		
11.4.5.d		Inventory Adjustment Record for Overages	Record	1		
11.4.6.a		Contractor Monthly Production Report	Report	12		
11.4.6.b		Property held by the Property Disposal Officer Report	Report	12		
11.4.6.c		Annual Report of Exchange/Sale Transactions	Report	1		
11.4.6.d		Personal Property	Report	1		
11.4.6.e		Report of Activities Generating Precious Metals	Report	1		
11.4.6.f		Organizations	Report	1		
11.4.6.g		Performance Measures Report	Report	2		
11.4.6.h		Semiannual Report of Personal Property Management Operations	Report	2		
ANNEX 12		TRANSPORTATION				
12.2.1		General Transportation Services	Work request	4,000		
12.2.2	a	Core Hour Personnel Moves	People	1,300		
12.2.2	b	Non-core Hour Personnel Moves	People	100		
12.2.3		Quick Dispatch	Request	3,000		
12.2.4		Nitrogen Delivery	Gallons	283,000		
12.2.5		Personnel Licensed	Day	365		
12.3.2	a	Packing & Shipping Routine Shipments	Shipment	4,500		
12.3.2	b	Packing & Shipping Priority Shipments	Shipment	6,500		
12.3.2	c	Hazardous Shipments	Shipment	225		
12.3.3		Vehicle Load Plans	Loads	25		
12.3.4		Delivery to/From Offsite Locations	Shipment	300		
12.3.5		Packaging Personnel Requirements	Day	365		
12.3.6.1		Monthly Production Report	Report	12		
12.4.1	a	Rigging Support for Priority 1 Work Order	Priority	5		
12.4.1	b	Rigging Support for Priority 2 Work Order	Priority	300		
12.4.1	c	Rigging Support for Priority 3 Work Order	General	400		
12.4.2	a	Priority 2 Load Test	Test	200		
12.4.2	b	Load Tests General Support	Test	400		
12.4.3		Lifting Equipment Listing	Day	365		
12.4.4		Personnel Requirements	Day	365		
12.5.3		Vehicle Administrative Operations	Day	365		
12.5.3.1		Maintain Extra Vehicle Keys	Key	150		
12.5.3.2		Maintain Vehicle Credit Cards	Card	107		
12.5.3.3		Report of Accidents	Report	10		
12.5.3.4		Vehicle Safety Recall Notifications	Notice	4		
12.5.3.5		Daily Vehicle Dispatch Sheets	Monthly	12		
12.5.3.6	a	Issue Government Pool Vehicles	Request	550		
12.5.3.6	b	Maintain/Update Reservations Calendar	Day	365		
12.5.3.7	a	Process Full Time Vehicle Assignments	Request	10		
12.5.3.8		Maintain/Update Vehicle Fleet Database	Day	365		
12.5.3.9		Vehicle Preventive Maintenance	Notification	300		

**Section J, Attachment G
Workload Unit Amounts**

Values for Basic Period, Contract Year One						
Item No.		Description of Services	Unit	No. Units	Unit Value	Total Value
12.5.3.10		Pool Vehicles, Preventive Maintenance, Servicing, and Replacement	Vehicle	120		
12.5.3.11		Vehicle Emissions Inspections	Notice	100		
12.5.4		Special Events Transportation	Request	8		
12.5.5.1		Provide Vehicle Mileage Reports	Report	12		
12.5.5.2		Federal Automotive Statistical Tool Report	Report	1		
12.5.5.3		Alternative Transportation Fuel and Alternative Vehicles Survey, Energy Information Agency Survey Report	Report	1		
12.5.5.4		Alternative Fuel Vehicle Acquisition Report	Report	1		
12.5.5.5		Agency Reporting of Motor Vehicle Data for Budget Submission Report, Office of Management and Budget Report	Report	1		
12.5.5.6		General Purpose Vehicle Accident Report	Report	2		
12.5.5.7		OIG Audit Response (General Purpose) Vehicle Cost Savings Summary Report	Report	2		
12.5.5.8		Vehicle Cost Per Mile Metrics Report	Report	4		
12.5.5.9		Vehicle Fleet Mileage Express Report	Report	12		
12.5.5.10		OPAC Report	Report	12		
12.5.5.11		Vehicle Statistical Report	Report	12		
12.5.5.12		One-Time/New Reports	Report	5		
12.5.6.		Personnel Requirements	Day	365		
12.6.1		Receive/Deliver Inbound Freight	Shipment	27,000		

Section J
Attachment K - List 1 - IT Systems

DESCRIPTION	Provides Hardware	Provides Application	Major Application Upgrades	Application Repairs *	Local Hardware Repair	Application Users	Manages	Provide NASA Access	Host	Operating System	Language	Accessed from Work Station via	Notes:
IBM Mainframe Applications - Agency Wide / Local Code Applications													
NASA Property Disposal Mgt. System (NDPMS)	NASA	NASA	NASA	NASA	N/A	COSS/NASA	NASA	NASA	MF @ MSFC	MVS	ADA Natural	3270 Emul	
NASA Supply Mgt. System (NSMS)	NASA	NASA	NASA	NASA	N/A	COSS/NASA	NASA	NASA	MF @ MSFC	MVS	ADA Natural	3270 Emul	
NASA Equipment Management System (NEMS)	NASA	NASA	NASA	NASA	N/A - COSS*	COSS/NASA	NASA	NASA	MF @ MSFC	MVS	ADA Natural	3270 Emul	
Database Server Based Applications - Larger Database Applications - Local Code													
Local Stock Number LOG LSNL)	NASA	NASA	NASA	NASA	N/A	COSS/NASA	COSS	NASA	SQL Server	NT	Powerbuilder	ICON	
Transportation Inbound Freight Log (w Bar Code Readers (TIFL)	NASA *	NASA *	NASA	NASA	N/A	COSS/NASA	COSS	NASA	SQL Server	NT	Powerbuilder	ICON	
Server Based Applications (Access, PFS File, etc.) - Smaller Database Applications - Local Code													
Misc. Access, Tracking Files	NASA	NASA	COSS	COSS	N/A	COSS/NASA	COSS	NASA	NT	Windows	Misc.	ICON	
Special Systems (Larger)													
Energy Management Control Systems (EMCS)	NASA	NASA	NASA	COSS	COSS**	COSS/NASA	COSS	NASA	NT	NT		ICON	
Computerized Maintenance Management System (CMMS)	COSS **	BOSS ***	COSS	COSS	COSS	COSS/NASA	COSS	COSS	NT	NT	SQL Server	ICON	
Special Systems (Medium)													
Facility Cad System	NASA	BOSS ***	COSS	COSS	N/A	COSS/NASA	COSS	COSS	NT	Windows	MicroStation/Autocad	ICON	
Space Utilization System (linked to Facility Housing Plans)	NASA	NASA	NASA	NASA	N/A	COSS/NASA	COSS	COSS	NT	Windows		ICON	
SPECSNTACT	NASA	NASA	NASA	COSS	NASA	COSS/NASA	COSS	COSS	NT	Windows		ICON	
RPAS	NASA	NASA	NASA	COSS	NASA	COSS/NASA	COSS	COSS	Local		Obase 3	N/A	
Server Based Applications - (Smaller Applications - Commercial Off the Shelf (COTS) Apps)													
Thermography Analysis	NASA	BOSS ***	COSS	COSS	COSS	COSS/NASA	COSS	COSS	NT	Windows		ICON	
Vibration Analysis	NASA	BOSS ***	COSS	COSS	COSS	COSS/NASA	COSS	COSS	NT	Windows		ICON	
Gas Cylinder Tracking System	NASA	BOSS ***	COSS	COSS	COSS*	COSS/NASA	COSS	COSS	NT	DOS	Adv. Rev	ICON	
Facility Drawing System	NASA	BOSS ***	COSS	COSS	COSS	COSS/NASA	COSS	COSS	NT	Windows	Access	ICON	
WinEst / Means	NASA	BOSS ***	COSS	COSS	COSS	COSS/NASA	COSS	COSS	NT	Windows		ICON	
NEMS Scanning System	COSS	COSS	COSS	COSS	COSS	COSS/NASA	COSS	COSS					
Special Facility/Utility Apps													
CEMS	NASA	BOSS ***	COSS	COSS	COSS	COSS	COSS	COSS	Local	DOS		ICON	
SCADA	NASA	BOSS ***	COSS	COSS	COSS	COSS	COSS	COSS	Local	DOS		ICON	
METASYS	NASA	BOSS ***	COSS	COSS	COSS	COSS	COSS	COSS	HVAC	DOS		ICON	
AMS	NASA	BOSS ***	NASA	NASA	COSS	COSS	COSS	COSS	Local	DOS		ICON	
Webbased Applications													
DAMES	NASA	NASA	NASA	NASA	N/A	COSS/NASA	NASA	NASA	Web	Windows	N/A	ICON	
MUFFIN	NASA	NASA	NASA	NASA	N/A	COSS	NASA	NASA	Web	Windows	N/A	ICON	
FEDLOG	NASA	NASA	NASA	NASA	N/A	COSS	NASA	NASA	Web	Windows	N/A	ICON	
NETS	NASA	NASA	NASA	NASA	N/A	COSS	NASA	NASA	Web	Windows	N/A	ICON	
STEERS	NASA	NASA	NASA	NASA	N/A	COSS	NASA	NASA	NT	Windows	N/A	ICON	
WAD	NASA	NASA	NASA	NASA	N/A	COSS	NASA	NASA	NT	Windows	SQLServer/Cold Fusion	ICON	
Panel Schedules	NASA	BOSS ***	COSS	COSS	COSS	COSS/NASA	COSS	COSS	NT	Windows	Access	ICON	
NOTES													
* COSS responsible for Bar Code Readers													
** COSS responsible for field systems. Another contractor or NASA is responsible for Workstations and servers													
*** Application from Existing BOSS contractor													

SECTION J, ATTACHMENT N, EXHIBIT N-1

TABLE 2 LIST OF FACILITIES

MAINT ID	DESCRIPTION	SITE	BLDG
E135XX	ELL BLDG 135, HANGER MAINTENANCE BUILDING	ELL	135
E136XX	ELL BLDG 136, AIRCRAFT CORROSION CONTROL FACILITY	ELL	136
E137BX	ELL BLDG 137B, AIRCRAFT WHEEL STAGING BUILDING	ELL	137B
E137XX	ELL BLDG 137, AIRCRAFT TIRE AND WHEEL MAINTENANCE SHOP	ELL	137
E138XX	ELL BLDG 138, FLAMMABLE STORAGE SHED	ELL	138
E139XX	ELL BLDG 139, GATEHOUSE NO. 1	ELL	139
E140BX	ELL BLDG 140B, FIRE SUPPRESION STORAGE BUILDING	ELL	140B
E140XX	ELL BLDG 140, ENGINE TEST COMPLEX NO. 1	ELL	140
E140AX	ELL BLDG 140A, ENGINE TEST COMPLEX STORAGE BLDG NO. 1	ELL	140A
E142XX	ELL BLDG 142, AIRCRAFT TEST ARTICLE FACILITY	ELL	142
E150XX	ELL BLDG 150, FUEL CELL SUPPORT FACILITY	ELL	150
E151XX	ELL BLDG 151, SOUND SUPPRESION FACILITY	ELL	151
E245XX	ELL BLDG 245, DELUGE PUMP STATION	ELL	245
E248XX	ELL BLDG 248, DELUGE WATER STORAGE TANK	ELL	248
E247XX	ELL BLDG 247, DELUGE WATER STORAGE TANK	ELL	247
E260XX	ELL BLDG 260, TELECOMMUNICATIONS FACILITY	ELL	260
E261XX	ELL BLDG 261, GUARDHOUSE	ELL	261
E263XX	ELL BLDG 263, SUPPLIES AND EQUIPMENT SHED	ELL	263
E264XX	ELL BLDG 264, SUPPLIES AND EQUIPMENT SHED	ELL	264
E265XX	ELL BLDG 265, WAREHOUSE SUPPLY AND MAINTENANCE	ELL	265
E266XX	ELL BLDG 266, WAREHOUSE	ELL	266
E267XX	ELL BLDG 267, MANAGEMENT SUPPORT FACILITY	ELL	267
E269XX	ELL BLDG 269, GATE HOUSE NO. 2 (RETIRED)	ELL	269
E270XX	ELL BLDG 270, WAREHOUSE SUPPLY AND MAINTENANCE	ELL	270
E271XX	ELL BLDG 271, AVIATION SUPPORT FACILITY	ELL	271
E272XX	ELL BLDG 272, AIRCRAFT OPERATIONS WELDING SHOP	ELL	272
E273XX	ELL BLDG 273, MULTIPURPOSE SUPPORT FACILITY	ELL	273
E276XX	ELL BLDG 276, AIRCRAFT MAINTENANCE HANGER	ELL	276
E277XX	ELL BLDG 277, AIRCRAFT WASHRACK	ELL	277
E278XX	ELL BLDG 278, AIRCRAFT GROUND SUPPORT EQUIPMENT SHOP	ELL	278
E279XX	ELL BLDG 279, WELDING SHOP	ELL	279
E380XX	ELL BLDG 380, WAREHOUSE SUPPLY AND MAINTENANCE	ELL	380
E990XX	ELL BLDG 990, AIRCRAFT MAINTENANCE HANGER	ELL	990
E991XX	ELL BLDG 991, CRYOGENIC STORAGE SHED	ELL	991
E992XX	ELL BLDG 992, HAZARDOUS MATERIALS TRANSFER FACILITY	ELL	992
E993XX	ELL BLDG 993, HANGER SUPPORT FACILITY	ELL	993
E994XX	ELL BLDG 994, AIRCRAFT MAINTENANCE SUPPORT BUILDING	ELL	994
E998XX	ELL FIELD GENERAL SITE CODE	ELL	998
J000XX	JSC BLDG 000, SITE UTILITY TUNNELS	JSC	000
J001XX	JSC BLDG 001, PROJECT MANAGEMENT BUILDING	JSC	001
J002XX	JSC BLDG 002, AUDITORIUM AND PUBLIC AFFAIRS BUILDING	JSC	002
J003XX	JSC BLDG 003, CENTRAL CAFETERIA	JSC	003
J004NX	JSC BLDG 004N, FLIGHT OPERATIONS FACILITY	JSC	004N
J004SX	JSC BLDG 004S, FLIGHT OPERATIONS FACILITY	JSC	004S
J005NX	JSC BLDG 005N, MISSION SIMULATION AND TRAINING FACILITY	JSC	005N
J005SX	JSC BLDG 005S, MISSION SIMULATION AND TRAINING FACILITY	JSC	005S
J007BX	JSC BLDG 007B, CREW SYSTEMS LABORATORY	JSC	007B
J007AX	JSC BLDG 007A, CREW SYSTEMS LABORATORY	JSC	007A
J007XX	JSC BLDG 007, CREW SYSTEMS LABORATORY	JSC	007
J008AX	JSC BLDG 008A, PHOTOGRAPHIC WASTE STORAGE TANKS	JSC	008A

SECTION J, ATTACHMENT N, EXHIBIT N-1

TABLE 2

LIST OF FACILITIES

MAINT ID	DESCRIPTION	SITE	BLDG
J008XX	JSC BLDG 008, PHOTOGRAPHIC TECHNOLOGY LABORATORY	JSC	008
J009NE	JSC BLDG 009NE, SYSTEMS INTEGRATION FACILITY (C)	JSC	009NE
J009NW	JSC BLDG 009NW, SYSTEMS INTEGRATION FACILITY (B)	JSC	009NW
J009NX	JSC BLDG 009N, SYSTEMS INTEGRATION FACILITY (A)	JSC	009N
J009SX	JSC BLDG 009S, SYSTEM INTEGRATION FACILITY MOCK UP FABRICATION	JSC	009S
J009SE	JSC BLDG 009SE, SYSTEMS INTEGRATION ADMINISTRATION FACILITY	JSC	009SE
J010XX	JSC BLDG 010, TECHNICAL SERVICES SHOP	JSC	010
J011XX	JSC BLDG 011, BRANCH CAFETERIA	JSC	011
J012XX	JSC BLDG 012, CENTRAL DATA OFFICE	JSC	012
J013XX	JSC BLDG 013, STRUCTURES AND MECHANICS LABORATORY	JSC	013
J014XX	JSC BLDG 014, ANTENNA AND TRACKING DEVELOPMENT LABORATORY	JSC	014
J015XX	JSC BLDG 015, EXPERIMENTS AND SYSTEMS LABORATORY	JSC	015
J016AX	JSC BLDG 016A, AVIONICS SYSTEMS LABORATORY ANNEX	JSC	016A
J016XX	JSC BLDG 016, AVIONICS SYSTEM LABORATORY	JSC	016
J017XX	JSC BLDG 017, ENGINEERING AND APPLICATIONS DEVELOPMENT	JSC	017
J018XX	JSC BLDG 018, RADAR BORESIGHT RANGE CONTROL	JSC	018
J019XX	JSC BLDG 019, BLDG 30 SOUTH LOT GUARD HOUSE	JSC	019
J023XX	JSC BLDG 023, WEATHER STATION	JSC	023
J024XX	JSC BLDG 024, CENTRAL HEATING AND COOLING PLANT	JSC	024
J025XX	JSC BLDG 025, FIRE STATION	JSC	025
J028XX	JSC BLDG 028, AUXILIARY CHILLER FACILITY	JSC	028
J029XX	JSC BLDG 029, LONG DURATION EVALUATION FACILITY	JSC	029
J030AX	JSC BLDG 030A, MISSION CONTROL ADMINISTRATION FACILITY	JSC	030A
J030LX	JSC BLDG 030L, MISSION CONTROL LOBBY AREA	JSC	030L
J030MX	JSC BLDG 030M, HISTORICAL MISSION CONTROL	JSC	030M
J030SX	JSC BLDG 030S, MISSION CONTROL	JSC	030S
J031AX	JSC BLDG 031A, PLANETARY AND EARTH SCIENCES LABORATORY	JSC	031A
J031XX	JSC BLDG 031, PLANETARY AND EARTH SCIENCES LABORATORY	JSC	031
J032AX	JSC BLDG 032A, EMERGENCY PRESSURIZATION SYSTEMS	JSC	032A
J032QX	JSC BLDG 032Q, TEST ARTICLE STAGING FACILITY	JSC	032Q
J032XX	JSC BLDG 032, SPACE ENVIRONMENT SIMULATION LABORATORY	JSC	032
J033XX	JSC BLDG 033, SPACE ENVIRONMENT EFFECTS LABORATORY	JSC	033
J034XX	JSC BLDG 034, LABORATORY SUPPORT FACILITY	JSC	034
J035XX	JSC BLDG 035, MISSION SIMULATION DEVELOPMENT FACILITY	JSC	035
J036XX	JSC BLDG 036, BIOENGINEERING AND TEST SUPPORT FACILITY	JSC	036
J037XX	JSC BLDG 037, LIFE SCIENCES LABORATORY	JSC	037
J038XX	JSC BLDG 038, LOGISTICS SUPPORT BUILDING	JSC	038
J039XX	JSC BLDG 039A, DOMESTIC SATELLITE EARTH STATION COMPLEX NO. 1	JSC	039
J040XX	JSC BLDG 040, ELEVATED WATER STORAGE TANK	JSC	040
J041XX	JSC BLDG 041, HYPO/HYPERBARIC TRAINING FACILITY	JSC	041
J042XX	JSC BLDG 042, GENERAL SUPPORT FACILITY	JSC	042
J043XX	JSC BLDG 043, PROTOTYPE AND MODEL PAINTING SHOP	JSC	043
J044XX	JSC BLDG 044, COMMUNICATIONS AND TRACKING DEVELOPMENT	JSC	044
J045XX	JSC BLDG 045, PROJECT ENGINEERING OFFICES AND TECHNICAL	JSC	045
J046XX	JSC BLDG 046, CENTRAL COMPUTER FACILITY	JSC	046
J048XX	JSC BLDG 048, MISSION CONTROL EMERGENCY POWER FACILITY	JSC	048
J049AX	JSC BLDG 049A, VIBRATION AND ACOUSTICS TEST FACILITY	JSC	049A
J049XX	JSC BLDG 049, VIBRATION AND ACOUSTICS TEST FACILITY	JSC	049
J050XX	JSC BLDG 050, TEST FIXTURE STORAGE FACILITY	JSC	050
J051XX	JSC BLDG 051, BLDG 30 NORTH LOT GUARD HOUSE	JSC	051

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TABLE 2 LIST OF FACILITIES

MAINT ID	DESCRIPTION	SITE	BLDG
J056XX	JSC BLDG 056, BIOENGINEERING LABORATORY	JSC	056
J057XX	JSC BLDG 057, TEST ARTICLE DESIGN FACILITY	JSC	057
J090DX	JSC BLDG 90D, MANNED SPACE FLIGHT EXHIBIT COMPLEX RESTROOM	JSC	090D
J090XX	JSC BLDG 090, MANNED SPACE FLIGHT EXHIBIT COMPLEX	JSC	090
J101XX	JSC BLDG 101, SECOND STREET GATE HOUSE	JSC	101
J103XX	JSC BLDG 103, THIRD STREET GATE HOUSE	JSC	103
J110XX	JSC BLDG 110, SECURITY CENTER	JSC	110
J111XX	JSC BLDG 111, PROCUREMENT ASSISTANCE FACILITY	JSC	111
J204XX	JSC BLDG 204, AVENUE B EAST GATE HOUSE	JSC	204
J207AX	JSC BLDG 207A, GILRUTH UTILITY MAINTENANCE AND STORAGE	JSC	207A
J207XX	JSC BLDG 207, GILRUTH RECREATION FACILITY	JSC	207
J210XX	JSC BLDG 210, CHILD CARE FACILITY (OLD)	JSC	210
J211XX	JSC BLDG 211, CHILD CARE CENTER (NEW)	JSC	211
J220XX	JSC BLDG 220, TEST ARTICLE PREPERATION FACILITY	JSC	220
J221XX	JSC BLDG 221, 138 KV ELECTRICAL SUBSTATION	JSC	221
J222XX	JSC BLDG 222, ATMOSPHERIC AND RE-ENTRY MATERAILS AND	JSC	222
J223XX	JSC BLDG 223, COOLING TOWER BLOWDOWN PRETREATMENT FACILITY	JSC	223
J225XX	JSC BLDG 225, ADMINISTRATION SUPPORT FACILITY ANNEX	JSC	225
J226XX	JSC BLDG 226, ADMINISTRATION SUPPORT FACILITY	JSC	226
J227XX	JSC BLDG 227, GRAPHICS PRINITNG AND REPRODUCTION FACILITY	JSC	227
J228XX	JSC BLDG 228, ENVIRONMENTAL HYGIENE LABORATORY	JSC	228
J229XX	JSC BLDG 229, ENVIRONMENTAL SUPPORT FACILITY	JSC	229
J230XX	JSC BLDG 230, UTILITY ANNEX	JSC	230
J231XX	JSC BLDG 231, CUSTODIAL STORAGE FACILITY	JSC	231
J232XX	JSC BLDG 232, CUSTODIAL ADMINISTRATION FACILITY	JSC	232
J241XX	JSC BLDG 241, BOTANICAL SCIENCE LABORATORY	JSC	241
J259XX	JSC BLDG 259, ASTRONAUT SELECTION AND ISOLATION QUARTERS	JSC	259
J260AX	JSC BLDG 260A, VACUUM CHAMBER EQUIPMENT SHED	JSC	260A
J260XX	JSC BLDG 260, TRAINING AND TEST FACILITY	JSC	260
J261XX	JSC BLDG 261, PLANETARY AND EARTH SCIENCES LABORATORY ANNEX	JSC	261
J262AX	JSC BLDG 262A, STORAGE BUILDING NO. 1	JSC	262A
J262BX	JSC BLDG 262B, STORAGE BUILDING NO. 2	JSC	262B
J263AX	JSC BLDG 263A, HEALTH PHYSICS LABORATORY ANNEX	JSC	263A
J263XX	JSC BLDG 263, HEALTH PHYSICS LABORATORY	JSC	263
J264XX	JSC BLDG 264, STORAGE BUILDING NO. 3	JSC	264
J265XX	JSC BLDG 265, SUPPORT OFFICE FACILITY	JSC	265
J266XX	JSC BLDG 266, MEDICAL DATA SUPPORT FACILITY	JSC	266
J267XX	JSC BLDG 267, SPACE MATERIALS RESEARCH FACILITY	JSC	267
J268XX	JSC BLDG 268, ORBITAL DEBRIS TRACKING FACILITY	JSC	268
J269XX	JSC BLDG 269, PROCUREMENT SUPPORT FACILITY	JSC	269
J301XX	JSC BLDG 301, WATER WELL NO. 1	JSC	301
J302XX	JSC BLDG 302, WATER WELL NO. 2	JSC	302
J304XX	JSC BLDG 304, MAINTENANCE SPRAY PAINTING FACILITY	JSC	304
J305XX	JSC BLDG 305, AVENUE B WEST GATE HOUSE	JSC	305
J306XX	JSC BLDG 306, WATER WELL NO. 4	JSC	306
J320XX	JSC BLDG 320, STEAM CLEANING FACILITY	JSC	320
J321XX	JSC BLDG 321, CONSTRUCTION MATERAILS STAGING FACILITY	JSC	321
J322XX	JSC BLDG 322, WATER TREATMENT PLANT BUILDING	JSC	322
J323XX	JSC BLDG 323, CONSTRUCTION WORK CONTROL CENTER	JSC	323
J324XX	JSC BLDG 324, CLASSIFIED WASTE DISINTEGRATOR FACILITY	JSC	324

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TABLE 2 LIST OF FACILITIES

MAINT ID	DESCRIPTION	SITE	BLDG
J325XX	JSC BLDG 325, SITE MAINTENANCE SHOP	JSC	325
J326AX	JSC BLDG 326A, SPECIAL EQUIPMENT STORAGE FACILITY	JSC	326A
J326CX	JSC BLDG 326C, BOTTLED GAS STORAGE SHED	JSC	326C
J326DX	JSC BLDG 326D, MAINTENANCE EQUIPMENT REPAIR SHOP	JSC	326D
J326EX	JSC BLDG 326E, HEAVY EQUIPMENT STORAGE SHED	JSC	326E
J326FX	JSC BLDG 326F, GROUNDS EQUIPMENT STORAGE SHED	JSC	326F
J326XX	JSC BLDG 326, GROUNDS MAINTENANCE SHOP	JSC	326
J327XX	JSC BLDG 327, SITE MAINTENANCE WORK CONTROL	JSC	327
J328XX	JSC BLDG 328, SITE MAINTENANCE PAINTING FACILITY	JSC	328
J329XX	JSC BLDG 329, SITE MAINTENANCE SHOP	JSC	329
J330XX	JSC BLDG 330, SITE MAINTENANCE AND OPERATIONS ADMINISTRATION	JSC	330
J332XX	JSC BLDG 332, CENTRAL WASTE COLLECTION FACILITY	JSC	332
J333AX	JSC BLDG 333A, STORAGE SHELTER	JSC	333A
J333XX	JSC BLDG 333, TEMPORARY STORAGE WAREHOUSE	JSC	333
J334XX	JSC BLDG 334, CUSTOMER SUPPORT WAREHOUSE	JSC	334
J335XX	JSC BLDG 335, LOGISTCAL SUPPLY WAREHOUSE	JSC	335
J336XX	JSC BLDG 336, TEST EQUIPMENT WAREHOUSE	JSC	336
J337XX	JSC BLDG 337, LOGISTIC SUPPLY WAREHOUSE	JSC	337
J338XX	JSC BLDG 338, SURPLUS EQUIPMENT STAGING WAREHOUSE	JSC	338
J339XX	JSC BLDG 339, ABOVE GROUND WATER STORAGE TANK NO. 1	JSC	339
J340XX	JSC BLDG 340, GAS METERING STATION	JSC	340
J341XX	JSC BLDG 341, ABOVE GROUND WATER STORAGE TANK NO. 2	JSC	341
J342XX	JSC BLDG 342, ABRASIVE BLASTING FACILITY	JSC	342
J343NX	JSC BLDG 343N, AUXILLARY METROLOGY LABORATORY	JSC	343N
J343XX	JSC BLDG 343, AUXILLARY METROLOGY ADMINISTRATION FACILITY	JSC	343
J348XX	JSC BLDG 348, LOGISTICS STORAGE ANNEX	JSC	348
J349XX	JSC BLDG 349, LOGISTICS STORAGE WAREHOUSE	JSC	349
J350XX	JSC BLDG 350, THERMOCHEMICAL TEST AREA SUPPORT LABORATORY	JSC	350
J351XX	JSC BLDG 351, THERMAL VACUUM TEST FACILITY	JSC	351
J352XX	JSC BLDG 352, PYROTECHNICS TEST FACILITY	JSC	352
J353XX	JSC BLDG 353, PROPULSION TEST FACILITY	JSC	353
J354XX	JSC BLDG 354, CRYOGENICS TEST FACILITY	JSC	354
J355XX	JSC BLDG 355, MANUFACTURING SUPPORT FACILITY	JSC	355
J356XX	JSC BLDG 356, FLUID SYSTEMS TEST FACILITY	JSC	356
J357XX	JSC BLDG 357, THERMOCHEMICAL TEST AREA GATEHOUSE	JSC	357
J358XX	JSC BLDG 358, PROPELLANT FUEL WASTE PRETREATMENT FACILITY	JSC	358
J359XX	JSC BLDG 359, THERMOCHEMICAL EQUIPMENT STORAGE FACILITY	JSC	359
J360XX	JCS BLDG 360, THERMAL CONTROL SYSTEM TEST FACILITY	JSC	360
J361XX	JSC BLDG 361, ACTUATOR SYSTEM TEST FACILITY	JSC	361
J380XX	JSC BLDG 380, HAZARDOUS MATERAIL STORAGE FACILITY	JSC	380
J381XX	JSC BLDG 381, CENTRAL GAS CYLINDER STORAGE SHED	JSC	381
J382XX	JSC BLDG 382, DRUM STORAGE SHED	JSC	382
J383XX	JSC BLDG 383, FREON RECOVERY FACILITY	JSC	383
J412XX	JSC BLDG 412, MISSION SUPPORT STORAGE FACILITY	JSC	412
J413XX	JSC BLDG 413, SPECIAL PURPOSE STAGING FACILITY	JSC	413
J415XX	JSC BLDG 415, RIGGING EQUIPMENT STORAGE SHELTER	JSC	415
J416XX	JSC BLDG 416, INSTALLATION SUPPORT FACILITY	JSC	416
J417AX	JSC BLDG 417A, WEIGH STATION	JSC	417A
J417XX	JSC BLDG 417, GARAGE	JSC	417
J418XX	JSC BLDG 418, HEAVY EQUIPMENT STORAGE SHED	JSC	418

SECTION J, ATTACHMENT N, EXHIBIT N-1**TABLE 2****LIST OF FACILITIES**

MAINT ID	DESCRIPTION	SITE	BLDG
J419XX	JSC BLDG 419, LOGISTICAL SERVICES OFFICES	JSC	419
J420XX	JSC BLDG 420, SHIPPING AND RECEIVING WAREHOUSE	JSC	420
J421XX	JSC BLDG 421, GENERAL SUPPLY WAREHOUSE	JSC	421
J422XX	JSC BLDG 422, LOGISTICS SUPPORT WAREHOUSE	JSC	422
J423XX	JSC BLDG 423, MEDIA RESOURCE CENTER	JSC	423
J424XX	JSC BLDG 424, FILM REPOSITORY FACILITY	JSC	424
J425XX	JSC BLDG 425, LOGISTICS SUPPORT DEPOT	JSC	425
J450XX	JSC BLDG 450, MICROWAVE TRANSMITTING ANTENNA TOWER	JSC	450
J578XX	JSC BLDG T578, TEMPORARY TRAILER	JSC	578
J584XX	JSC BLDG T584, TEMPORARY TRAILER	JSC	584
J585XX	JSC BLDG T585, SPACE OPERATIONS MODULAR COMPLEX	JSC	585
J586XX	JSC BLDG T586, TEMPORARY TRAILER	JSC	586
J587XX	JSC BLDG T587, TEMPORARY TRAILER	JSC	587
J589XX	JSC BLDG T589, TEMPORARY TRAILER	JSC	589
J998XX	JSC GENERAL SITE CODE	JSC	998
S920AX	SCTF BLDG 920A, ADMINISTRATION	SCTF	920A
S920LX	SCTF BLDG 920L, LIGHT MANUF FACILITY	SCTF	920L
S920NX	SCTF BLDG 920N, NEUTRAL BOUYANCY LAB	SCTF	920N
S924XX	SCTF BLDG 924X SGSF STORAGE	SCTF	924
S925XX	SCTF BLDG 925X NBL MOCK-UP	SCTF	925
S998XX	SCTF SITE CODE	SCTF	998

SECTION L

INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFEROR

**L.1 DATA UNIVERSAL NUMBERING SYSTEMS (DUNS) NUMBER (FAR 52.204-6)
(JUNE 1999)**

(a) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" followed by the DUNS number that identifies the offeror's name and address exactly as stated in the offer.

The DUNS number is a nine-digit number assigned by Dun and Bradstreet Information Services.

(b) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one. A DUNS number will be provided immediately by telephone at no charge to the offeror. For information on obtaining a DUNS number, the offeror, if located within the United States, should call Dun and Bradstreet at 1-800-333-0505. The offeror should be prepared to provide the following information:

- (1) Company name.
- (2) Company address.
- (3) Company telephone number.
- (4) Line of business.
- (5) Chief executive officer/key manager.
- (6) Date the company was started.
- (7) Number of people employed by the company.
- (8) Company affiliation.

(c) Offerors located outside the United States may obtain the location and phone number of the local Dun and Bradstreet Information Services office from the Internet home page at <http://www.customerservice@dnb.com>. If an offeror is unable to locate a local service center, it may send an e-mail to Dun and Bradstreet at globalinfo@mail.dnb.com.

(End of provision)

**L.2 NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE USE (FAR 52.211-14)
(SEP 1990)**

Any contract awarded as a result of this solicitation will be a DO-rated order certified for national defense used under the Defense Priorities and Allocations System (DPAS)(15 CFR Part 700); and the Contractor will be required to follow all of the requirements of this regulation.

(End of provision)

L.3 INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION (FAR 52.215-1)
(FEB 2000)(ALTERNATE I) (OCT 1997)

(a) Definitions. As used in this provision--

"Discussions" are negotiations that occur after establishment of the competitive range that may, at the Contracting Officer's discretion, result in the offeror being allowed to revise its proposal.

"In writing" or "written" means any worded or numbered expression which can be read, reproduced, and later communicated, and includes electronically transmitted and stored information.

"Proposal modification" is a change made to a proposal before the solicitation's closing date and time, or made in response to an amendment, or made to correct a mistake at any time before award.

"Proposal revision" is a change to a proposal made after the solicitation closing date, at the request of or as allowed by a Contracting Officer as the result of negotiations.

"Time," if stated as a number of days, is calculated using calendar days, unless otherwise specified, and will include Saturdays, Sundays, and legal holidays. However, if the last day falls on a Saturday, Sunday, or legal holiday, then the period shall include the next working day.

(b) Amendments to solicitations. If this solicitation is amended, all terms and conditions that are not amended remain unchanged. Offerors shall acknowledge receipt of any amendment to this solicitation by the date and time specified in the amendment(s).

(c) Submission, modification, revision, and withdrawal of proposals. (1) Unless other methods (e.g., electronic commerce or facsimile) are permitted in the solicitation, proposals and modifications to proposals shall be submitted in paper media in sealed envelopes or packages (i) addressed to the office specified in the solicitation, and (ii) showing the time and date specified for receipt, the solicitation number, and the name and address of the offeror. Offerors using commercial carriers should ensure that the proposal is marked on the outermost wrapper with the information in paragraphs (c)(1)(i) and (c)(1)(ii) of this provision.

(2) The first page of the proposal must show--

(i) The solicitation number;

(ii) The name, address, and telephone and facsimile numbers of the offeror (and electronic address, if available);

(iii) A statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation and agreement to furnish any or all items upon which prices are offered at the price set opposite each item;

(iv) Names, titles, and telephone and facsimile numbers (and electronic addresses if available) of persons authorized to negotiate on the offeror's behalf with the Government in connection with this solicitation; and

(v) Name, title, and signature of person authorized to sign the proposal. Proposals signed by an agent shall be accompanied by evidence of that agent's authority, unless that evidence has been previously furnished to the issuing office.

(3) Submission, modification, revision, and withdrawal of proposals.

(i) Offerors are responsible for submitting proposals, and any modifications or revisions, so as to reach the Government office designated in the solicitation by the time specified in the solicitation. If no time is specified in the solicitation, the time for receipt is 4:30 p.m., local time, for the designated Government office on the date that proposal or revision is due.

(ii)(A) Any proposal, modification, or revision received at the Government office designated in the solicitation after the exact time specified for receipt of offers is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late offer would not unduly delay the acquisition; and--

(1) If it was transmitted through an electronic commerce method authorized by the solicitation, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of proposals; or

(2) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of offers and was under the Government's control prior to the time set for receipt of offers; or

(3) It is the only proposal received.

(B) However, a late modification of an otherwise successful proposal that makes its terms more favorable to the Government will be considered at any time it is received and may be accepted.

(iii) Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the proposal wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

(iv) If an emergency or unanticipated event interrupts normal Government processes so that proposals cannot be received at the office designated for receipt of proposals by the exact time specified in the solicitation, and urgent Government requirements preclude amendment of the solicitation, the time specified for receipt of proposals will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

(v) Proposals may be withdrawn by written notice received at any time before award. Oral proposals in response to oral solicitations may be withdrawn orally. If the solicitation authorizes facsimile proposals, proposals may be withdrawn via facsimile received at any time before award, subject to the conditions specified in the provision at 52.215-5, Facsimile Proposals. Proposals may be withdrawn in person by an offeror or an authorized representative, if the identity of the person requesting withdrawal is established and the person signs a receipt for the proposal before award.

(4) Unless otherwise specified in the solicitation, the offeror may propose to provide any item or combination of items.

(5) Offerors shall submit proposals in response to this solicitation in English, unless otherwise permitted by the solicitation, and in U.S. dollars, unless the provision at FAR 52.225-17, Evaluation of Foreign Currency Offers, is included in the solicitation.

(6) Offerors may submit modifications to their proposals at any time before the solicitation closing date and time, and may submit modifications in response to an amendment, or to correct a mistake at any time before award.

(7) Offerors may submit revised proposals only if requested or allowed by the Contracting Officer.

(8) Proposals may be withdrawn at any time before award. Withdrawals are effective upon receipt of notice by the Contracting Officer.

(d) Offer expiration date. Proposals in response to this solicitation will be valid for the number of days specified on the solicitation cover sheet (unless a different period is proposed by the offeror).

(e) Restriction on disclosure and use of data. Offerors that include in their proposals data that they do not want disclosed to the public for any purpose, or used by the Government except for evaluation purposes, shall--

(1) Mark the title page with the following legend:

This proposal includes data that shall not be disclosed outside the Government and shall not be duplicated, used, or disclosed--in whole or in part--for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this offeror as a result of--or in connection with--the submission of this data, the Government shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Government's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in sheets [insert numbers or other identification of sheets]; and

(2) Mark each sheet of data it wishes to restrict with the following legend:

Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal.

(f) Contract award. (1) The Government intends to award a contract or contracts resulting from this solicitation to the responsible offeror(s) whose proposal(s) represents the best value after evaluation in accordance with the factors and subfactors in the solicitation.

(2) The Government may reject any or all proposals if such action is in the Government's best interest.

(3) The Government may waive informalities and minor irregularities in proposals received.

(4) The Government intends to evaluate proposals and award a contract after conducting discussions with offerors whose proposals have been determined to be within the competitive range. If the Contracting Officer determines that the number of proposals that would otherwise be in the competitive range exceeds the number at which an efficient competition can be conducted, the Contracting Officer may limit the number of proposals in the competitive range to the greatest number that will permit an efficient competition among the most highly rated proposals. Therefore, the offerors initial proposal should contain the offeror's best terms from a price and technical standpoint.

(5) The Government reserves the right to make an award on any item for a quantity less than the quantity offered, at the unit cost or prices offered, unless the offeror specifies otherwise in the proposal.

(6) The Government reserves the right to make multiple awards if, after considering the additional administrative costs, it is in the Government's best interest to do so.

(7) Exchanges with offerors after receipt of a proposal do not constitute a rejection or counteroffer by the Government.

(8) The Government may determine that a proposal is unacceptable if the prices proposed are materially unbalanced between line items or subline items. Unbalanced pricing exists when, despite an acceptable total evaluated price, the price of one or more contract line items is significantly overstated or understated as indicated by the application of cost or price analysis techniques. A proposal may be rejected if the Contracting Officer determines that the lack of balance poses an unacceptable risk to the Government.

(9) If a cost realism analysis is performed, cost realism may be considered by the source selection authority in evaluating performance or schedule risk.

(10) A written award or acceptance of proposal mailed or otherwise furnished to the successful offeror within the time specified in the proposal shall result in a binding contract without further action by either party.

(11) The Government may disclose the following information in postaward debriefings to other offerors:

(i) The overall evaluated cost or price and technical rating of the successful offeror;

(ii) The overall ranking of all offerors, when any ranking was developed by the agency during source selection;

(iii) A summary of the rationale for award; and

(iv) For acquisitions of commercial items, the make and model of the item to be delivered by the successful offeror.

(End of provision)

L.4 REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA (FAR 52-215-20)(ALTERNATE IV) (OCT 1997)

(a) Submission of cost or pricing data is not required.

(b) Refer to Section L Part II for specific price proposal instructions.

(End of provision)

L.5 PREAWARD ON-SITE EQUAL OPPORTUNITY COMPLIANCE EVALUATION (FAR 52.222-24) (FEBRUARY 1999)

If a contract in the amount of \$10 million or more will result from this solicitation, the prospective Contractor and its known first-tier subcontractors with anticipated subcontracts of \$10 million or more shall be subject to a preaward compliance evaluation by the Office of Federal Contract Compliance Programs (OFCCP), unless, within the preceding 24 months, OFCCP has conducted an evaluation and found the prospective Contractor and subcontractors to be in compliance with Executive Order 11246.

(End of provision)

L.6 SERVICE OF PROTEST (FAR 52.233-2) (AUG 1996)

(a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the General Accounting Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from:

Hand-Carried Address:

Charles C. Bell
Building 416N

Mailing Address:

NASA Lyndon B. Johnson Space Center
Attn: SEB 416/Charles C. Bell
2101 NASA Road One
Houston, TX 77058

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

(End of provision)

L.7 PROPOSAL PAGE LIMITATIONS (NASA 1852.215-81) (FEB 1998)

(a) The following page limitations are established for each portion of the proposal submitted in response to this solicitation.

Proposal Section Volume	Proposal Section	Page Limit
I	Management	125
II	Technical	100
III	Past Performance	N/A
IV	Cost/Price	N/A
Total Volume I, and II		225

(b) A page is defined as one side of a sheet, 8 1/2" x 11", with at least one inch margins on all sides, using not smaller than 12 point type, Arial font. Foldouts count as an equivalent number of 8 1/2" x 11" pages. The metric standard format most closely approximating the described standard 8 1/2" x 11" size may also be used.

(c) Title pages, tables of contents, RFP Form 1, RFP Form 2, letters of commitment, the Safety and Health Plan, the Quality Control Plan, the Environmental Compliance, the NASA Plan for Small Business Subcontracting, the Labor Relations Plan, and the completed Section K representations and certifications are excluded from the page counts specified in paragraph (a) of this provision. In addition, the Price section of your proposal is not page limited. However, this section is to be strictly limited to cost and price information. Information that can be construed as belonging in one of the other sections of the proposal will be so construed and counted against that section's page limitation.

(d) If final revisions are requested, separate page limitations will be specified in the Government's request for that submission.

(e) Pages submitted in excess of the limitations specified in this provision will not be evaluated by the Government and will be returned to the offeror.

(End of provision)

L.8 SAFETY AND HEALTH PLAN (NASA 18-52.223-73) (MAY 2001)

The offeror shall submit a detailed safety and occupational health plan as part of its proposal (see NPG 8715.3, NASA Safety Manual, Appendix H). The plan must include a detailed discussion of the policies, procedures, and techniques that will be used to ensure the safety and occupational health of contractor employees and to ensure the safety of all working conditions throughout the performance of the contract. The plan must similarly address safety and occupational health for subcontractor employees for any proposed subcontract whose value is expected to exceed \$500,000, including commercial services and services provided in support of a commercial item. Also, when applicable, the plan must address the policies, procedures, and techniques that will be used to ensure the safety and occupational health of: (1) the public, (2) astronauts and pilots, (3) the NASA workforce (including contractor employees working on NASA contracts), and (4) high-value equipment and property. This plan, as approved by the Contracting Officer, will be included in any resulting contract.

(End of provision)

L.9 PROTESTS TO NASA (NASA 18-52.233-70) (MARCH 1997)

Potential bidders or offerors may submit a protest under 48 CFR part 33 (FAR Part 33) directly to the Contracting Officer. As an alternative to the Contracting Officer's consideration of a protest, a potential bidder or offeror may submit the protest to the Deputy Associate Administrator for Procurement, who will serve as or designate the official responsible for conducting an independent review. Protests requesting an independent review shall be addressed to Deputy Associate Administrator for Procurement, NASA Code H, Washington, DC 20546-0001.

(End of provision)

L.10 CONTRACT AWARD QUANTITIES (JSC 52.215-91) (JAN 2000)

Proposals for quantities less than specified in the solicitation will not be considered for award (Reference paragraph (c)(4) of solicitation provision 52.215-1 Instruction to Offerors—Competitive Acquisitions).

(End of clause)

L.11 COMMUNICATIONS REGARDING THIS SOLICITATION (JSC 52.215-105) (DEC 1999)

Any communications in reference to this solicitation shall cite the solicitation number and be directed to the following Government representative:

Name: Charles C. Bell
Phone: 281-483-1372
(collect calls not accepted)

Address: NASA Johnson Space Center
Attn: Charles C. Bell
Mail Code: SEB 416
2101 NASA Road 1

QUESTIONS REGARDING THIS SOLICITATION MUST BE PRESENTED IN WRITING and should be submitted to the above address within 10 days of the Request for Proposal (RFP) issue date in order that answers may be obtained and disseminated in a timely manner, since it is not expected that a proposal submission date can be extended. Oral questions are not desirable due to the possibility of misunderstanding or misinterpretation. Questions shall not be directed to the technical activity personnel.

Note: Any written communications should include the mail code on the envelope to expedite processing.

(End of provision)

L.12 SUBMISSION OF PROPOSALS BY COMMERCIAL CARRIER (JSC 52.215-108)
(SEP 1988)

Offerors are advised that proposals sent to JSC by commercial carrier (e.g., Federal Express, Purolator, United Parcel Service) are NOT delivered directly to the place designated in the solicitation for submission of proposals. All parcels and packages delivered by commercial carriers are routed to the Transportation Branch in building 420 at JSC. If such a parcel contains on its visible, exterior surface the information required by the "Submission of Offers" provision of this solicitation (i.e., the time specified for receipt, the solicitation number, and the name and address of the offeror), it will be handled on an expedited basis by the Transportation Branch; however, depending on when it is received by the Transportation Branch, it MAY OR MAY NOT be received by the office designated for receipt of proposals by the required time. Transportation Branch personnel will NOT open the commercial carrier's package to determine its contents.

In view of the above, offerors who choose to submit proposals by a commercial carrier should, if they want to have reasonable assurance that their proposals will be timely received at the place designated in the solicitation, do the following:

(a) make sure that the carrier puts the information required by the "Submission of Offers" provision ON THE EXTERIOR OF THE ENVELOPE IN WHICH HE DELIVERS THE PARCEL, and

(b) get the proposal to the carrier in time for it to be delivered to the Transportation Branch at JSC ON THE DAY BEFORE THE SCHEDULED TIME DESIGNATED FOR RECEIPT OF PROPOSALS.

While taking the above steps should normally result in the timely receipt of proposals, offerors are reminded that proposals may be sent by U.S. Mail, and that clear and precise rules regarding the consideration of late submissions are set forth in the solicitation provision titled "LATE SUBMISSIONS, MODIFICATIONS, AND WITHDRAWALS OF PROPOSALS." Offerors are further reminded that it is their responsibility to get their proposals to the designated place on time. Proposals, which are sent by commercial carrier, are considered to be handcarried, and if they are received late at the place designated in the solicitation, they will only be considered if it is shown that the sole or paramount cause for the late receipt was some Government impropriety.

(End of provision)

L.13 OFFEROR ACCEPTANCE PERIOD

Proposals submitted in response to this solicitation shall remain firm for at least 180 days after the date specified for receipt thereof by the Government and shall contain a statement to this effect.

(End of provision)

SECTION L - PART II

INSTRUCTIONS FOR PROPOSAL PREPARATION

NOTE TO OFFERORS: For a better and more complete understanding of this part of Section L, you should also refer to Section M. The instructions in this part of Section L are directly related to the evaluation factors set forth in Section M.

1.0 INTRODUCTION

As detailed in the provision at L.7 entitled "PROPOSAL PAGE LIMITATIONS (NASA 1852.215-81)(FEB 1998)" proposals shall be submitted in four volumes.

Volume	Proposal Section
I	Management
II	Technical
III	Past Performance
IV	Cost/Price

It is NASA's intent, by providing the instructions set forth below, to solicit information that will demonstrate the offeror's competence to successfully complete the requirements specified in the Statement of Work (SOW), to determine its capability to successfully accomplish the effort defined therein, and to permit a competitive evaluation of its proposal. Generally, the proposal should:

- a. demonstrate understanding of the overall and specific requirements of the proposed contract;
- b. convey the company's capabilities for transforming understanding into accomplishment;
- c. present in detail, the plans and methods for so doing; and
- d. present, as requested below, the costs/prices associated with so doing.

In the event that other organizations are proposed as being involved in conducting this work, their relationships during the effort shall be explained and their proposed contributions to the work shall be identified and integrated into each part of the proposal, as appropriate.

2.0 GENERAL

Offerors shall provide twenty (20) copies of Volumes I and II, 15 copies of Volume III, and five (5) copies of Volume IV. In addition, offerors shall provide two (2) copies of their entire proposals electronically on CD ROM. As provided for in the provision at L.7, RFP Form 1, RFP Form 2, letters of commitment, the Safety and Health Plan, the Quality Control Plan, the Environmental Compliance Plan, the NASA Plan for Small Business Subcontracting, the Labor Relations Plan, and the completed Section K representations and certifications as well as all cost/price data forms are excluded from the proposal page limitation.

3.0 PERIOD COVERED BY PROCUREMENT

This solicitation covers a period of 5 years. For contracting purposes, this total period will be broken down in increments as follows:

<u>Anticipated Calendar Time</u>	<u>Duration</u>	<u>Contractual Coverage</u>
1/31/02 - 3/31/02	60 Days	Phase In
4/1/02 - 3/31/04	2 Years	Base Period
4/1/04 - 3/31/05	1 Year	Firm Option
4/1/05 - 3/31/06	1 Year	Firm Option
4/1/06 - 3/31/07	1 Year	Firm Option

Offerors shall submit firm cost/price proposals for each of the 5 years of the procurement and phase in. More information on preparation of the cost/price proposals is contained later in Section L under instructions relating the cost/price factor.

The options identified above will be exercised only if the requirements of FAR 17.207(c) have first been met. The Government is not obligated to exercise any option if it determines for any reason that doing so is not in its best interest.

4.0 FACILITIES AND GOVERNMENT-PROVIDED PROPERTY AND SERVICES

4.1 Government-Provided Property and Services

Services and property to be furnished by the Government for use on the proposed contract are as set forth in Section G, JSC Alternate I to NASA Clause 18-52.245-77, LIST OF INSTALLATION PROVIDED PROPERTY AND SERVICES and NASA 1852.245-76 LIST OF GOVERNMENT-FURNISHED PROPERTY.

5.0 PROPOSAL CONTENT

Offerors are requested to provide information responsive to the items set forth below. This information is considered essential for the Government to conduct a fair and uniform evaluation of proposals in accordance with the evaluation factors and subfactors provided in Section M. The items listed are not, however, all-inclusive, and offerors should therefore include in their proposals any further discussion that they believe to be necessary or useful in demonstrating their ability to understand and perform the work under the contemplated contract.

5.1 VOLUME I – MANAGEMENT

A. Safety and Health Plan

A Safety and Health Plan, prepared in accordance with the requirements of DRD No. SA-1-1, is to be submitted with your proposal. The plan is to include a detailed discussion of the policies, procedures, and techniques that will be used to ensure the safety and health of your employees (and subcontractor employees, if a subcontracting arrangement is proposed) and to ensure the safety of all working conditions throughout the performance of the contractual effort.

B. NASA Plan for Small Business Subcontracting Goals

For purposes of FAR clause 52.219-9, the terms, "HUBZone Small Business Concern," "Small Disadvantaged Business Concern," "Veteran-Owned Small Business

Concern," and Women-Owned Small Business Concern" are defined in paragraph 2.101 of the Federal Acquisition Regulation.

The total subcontracting goal expressed, as a percent of total contract value, is 36 percent. The percentage goal, (36 percent), includes the following goals expressed as a percent of total contract value:

Small Disadvantaged Business Concerns,	_____ 17.0 percent;
Women-Owned Small Business Concerns,	_____ 6.0 percent;
HUBZone Small Business Concerns,	_____ 2.0 percent;
Veteran-Owned Small Business Concerns,	_____ 0.25 percent.

C. Management Approach

(1) Quality Control

Describe the quality control policies, standards, procedures, and techniques that you propose to use to ensure quality control through the contract. Describe your implementation plan to acquire your ISO 9001-2000 certification within one year. Fully explain your rationale for the approaches proposed. Provide a draft Quality Control Plan that addresses the requirements outlined in DRD No. AN-1-2, plus any other items you consider important.

(2) Environmental Compliance

Describe the policies, standards, procedures, and techniques you shall use to ensure compliance with all environmental contract requirements. Fully explain the rationale for the approaches proposed. Provide a draft Environmental Compliance Plan that addresses the requirements outlined in DRD No. AN-9-1, plus any other items you consider important.

(3) Phase-in (Transition)

A phase-in period is anticipated during which staffing buildup, training and gradual assumption of responsibilities will transpire during 60 days prior to contract start. Each offeror shall provide the information requested in the following paragraphs relative to the proposed phase-in plan.

a. Describe in detail your plans for certifying and training your personnel for assuming operational responsibility, including key and critical personnel and functions.

Deleted: Describe in detail the plan for effecting a smooth phase-in without compromising effective and efficient operations at JSC. Provide the management milestones, and all associated schedules that you believe are required from start of phase-in to the full assumption of contract responsibilities.

b. Describe in detail the plan for effecting a smooth phase-in without compromising effective and efficient operations at JSC. Provide the management milestones, and all associated schedules that you believe are required from start of phase-in to the full assumption of contract responsibilities. Identify the group of management milestones to be accomplished within the following time intervals: 2/1/02 to 2/14/02, 2/15/02 to 2/28/02, 3/1/02 to 3/14/02, 3/15/02 to 3/31/02.

Deleted: Describe in detail your plans for certifying and training your personnel for assuming operational responsibility, including key and critical personnel and functions.

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c. For the four milestone groups, offerors are requested to: (1) provide a detailed plan inclusive of personnel responsible, (2) provide all relevant interim and final schedule dates to be met, and (3) propose objective criteria for the Government to use to determine that the milestone group has been achieved. At a minimum, each phase-in performance milestone described below in paragraphs i. through x should be discussed.

Deleted: Discuss in detail your specific plans for successfully completing each phase-in performance milestone described below in paragraphs i. through x.. For each milestone,

Deleted: that can be used

Deleted: if

i. Milestone 1: The successful offeror has hired all personnel it proposed as key personnel and all of these personnel are onsite at JSC and performing work. This milestone shall be fully achieved no later than February 15, 2002.

ii. Milestone 2: The successful offeror is able to fully operate the Computerized Maintenance Management System inclusive of: (1) ability to receive work, (2) ability to appropriately dispatch appropriate personnel across a broad range of requirements, and (3) ability to track requests, schedule work, complete tasks, effectively control quality, and document completion. This milestone shall be fully achieved no later than March 15, 2002.

iii. Milestone 3: At least 90% of all personnel proposed to perform all contract requirements have provided written acceptance of firm job offers. This milestone shall be fully achieved no later than March 15, 2002.

iv. Milestone 4: The successful offeror has hired all critical personnel including staffing of operating engineers and other personnel to support Building 48 operations. This milestone shall be fully achieved no later than March 15, 2002.

v. Milestone 5: The successful offeror has subcontracts in place with NASA-approved hazardous waste transportation, treatment-storage-disposal, and recycling subcontractors and has comprehensive ability to manage all wastes. This milestone shall be fully achieved no later than March 31, 2002.

vi. Milestone 6: The successful offeror has identified an emergency spill response team that is properly trained and available. In addition, the successful offeror has all necessary spill response materials on site and in a trailer, including a vehicle to tow it, to any potential spill site. This milestone shall be fully achieved no later than March 31, 2002.

vii. Milestone 7: The successful offeror has implemented an appropriate system to account for all Government furnished property. Furthermore, the successful offeror is prepared to perform an inventory of that property and is prepared to sign for accountability of the property upon completion of the inventory. This milestone shall be accomplished no later than March 31, 2002.

viii. Milestone 8: The successful offeror has completed JSC's clearance and badging as well as training requirements for all personnel necessary to perform the full scope of contract requirements. This milestone shall be fully achieved no later than March 31, 2002.

ix. Milestone 9: the successful offeror has implemented an accounting system fully capable of accurately accounting for actual completion of tasks at the workload unit level for each CLIN identified in the contract as necessary to submit proper invoices and workload metrics. This milestone shall fully achieved no later than March 31, 2002.

x. Milestone 10: The successful offeror has successfully completed all negotiations with any unions representing workers to be used in performance of this contract and has provided the Government with signed copies of all collective bargaining agreements (CBA's). This milestone shall be fully achieved no later than March 31, 2002.

(4) Labor Relations Plan

The offeror shall complete compensation forms (a), (b), (c), and (d) as described in the instructions for preparation of the Cost/Price volume (for contract year 1 only). In addition, the offeror shall submit a complete discussion of the following:

a. Describe your company history during the past 3 years in working with organized labor. Provide the names of the unions that you have negotiated with, the location of the worksite, how many employees are represented, and the average number of grievances per year that your company receives.

b. Describe the experience of the proposed person responsible for working labor relations issues within your company; including: (1) the person's experience in negotiating CBA's and resolving grievances; (2) where will that person be located onsite at JSC; and (3) describe how day-to-day issues will be handled.

c. Describe your company plan with respect to the use of organized labor on this contract. Describe your plan for recognizing the existing CBA's, negotiating new agreements, or complying with the economic terms only and not recognizing the union.

d. Describe how your proposal is in compliance with all existing wage determinations.

e. Describe the methods your company plans to use to promote and maintain harmonious labor relations during the transition phase and during contract performance.

(5) Organizational Approach

a. Describe the proposed organizational structure, including a chart depicting the proposed organization, and provide the rationale for its application to the contract requirements. Discuss the status of formal arrangements with any proposed subcontractors, team members, or joint venture partners.

b. Describe the communication channels, lines of authority (including the line of succession if Project Manager is unavailable), reporting relationships, and responsibilities of all organizational elements. Include in this discussion any proposed subcontractors, team members, or joint venture partners proposed, to illustrate their relationships within the proposed structure or between the organizational elements and any other proposed subcontractors, team members, or joint venture partners. Describe the reporting responsibilities of the Project Manager to corporate management and the relationship between the Project Manager and the prime offeror's corporate management as well as the management of any proposed subcontractors, team members, or joint venture partners.

c. Describe the organizational elements within the overall organization considered most critical to satisfactory accomplishment of all performance requirements and provide rationale as to why these are judged most critical within the framework of the overall organization. Provide supporting rationale that demonstrates the proposed organizational approach will ensure success in each of the critical areas identified.

d. Describe the management policies, procedures, and techniques the prime offeror and any proposed subcontractors, team members, or joint venture partners will use to create a single face to the Government (e.g., once a task is assigned to the Center Operations Support Services (COSS) prime offeror, the prime offeror coordinates the work through different functional areas, including any proposed subcontractors, team members, or joint venture partners without Government involvement). Describe how the management policies, procedures, and techniques proposed will be monitored to ensure their effectiveness.

e. Describe any corporate monitoring, oversight, or assistance (e.g., semi-annual reviews of the COSS quality or safety program by the corporate Quality or Safety Offices) you propose to use to compliment performance by the COSS contractor staff. Describe the level at which you intend to implement corporate monitoring, oversight, or assistance (e.g., at the prime contractor level only or inclusive of any proposed subcontractors, team members, or joint venture partners). Describe how implementation will be accomplished.

(6) Key Personnel & Staffing

a. Complete RFP Form 3 for each person proposed to perform the functions of Project Management and for each person directly responsible for managing each Annex of the SOW. The personnel performing these functions are considered key personnel in accordance with the NASA FAR Supplement clause at 1852.235-71.

b. Describe the recruitment and employment methods and policies your company will use to staff your organization. This description should address initial staffing requirements as well as those for the duration of the contract. Provide your rationale for selecting the proposed staffing methods and policies. Include a table of personnel sources, noting the percentage of the total workforce you intend to recruit from the following sources:

- i. Offeror's own resources
- ii. Other divisions of the company
- iii. Incumbent contractors' workforce
- iv. Outside recruitment

If incumbent personnel are being proposed in this proposal, indicate the percentage of personnel anticipated to be retained and compensation information. The percentage of personnel anticipated should be broken down to the following areas at a minimum: exempt, non-exempt non-union, and non-exempt union. The compensation information should address whether the incumbents will be retained at their current rate of pay and whether seniority rights will be maintained for fringe benefits purposes.

c. Describe the initial steps that have been taken regarding recruitment. Submit appropriate substantiating documentation, including letters of commitment to support the offeror's ability to provide those skills defined in Annex 4, personnel requirements including Building 48 operators and operating engineers, as well as the offeror's ability to support activities related to the Center's high voltage electrical system.

d. Describe your training program for new hires. Describe how, once on the job, employee training will be accomplished and monitored. Describe the minimum qualification standards you will use to determine if an employee is suitable for hire or promotion into a key position.

e. Describe your plan to maintain an experienced workforce while adapting to significant workload fluctuations during periods of increasing or decreasing requirements.

f. Describe effective techniques that will be used to minimize turnover and retain experienced personnel.

g. Describe how you will ensure the availability of personnel for special or emergency tasks during standard and non-standard working hours (e.g. weekends, holidays, and evenings). Describe how you will obtain technical expertise beyond the capabilities of your local JSC organization to resolve critical technical requirements or unique problems.

h. Describe the minimum qualification standards (training, certifications, type and length of experience, etc.) you will use to replace key or critical personnel, if required, during the term of the contract. Provide this information for each key or critical position. Describe how key or critical personnel will be monitored to ensure that they satisfy the minimum qualification standards and how you will determine if the minimum standards are stringent enough. Describe what, if any, policies you proposed to implement to improve the key or critical personnel or the minimum qualification standards over the life of the contract.

5.2 VOLUME II – TECHNICAL PERFORMANCE

A. Understanding of Requirements (General)

(1) Describe the process you will use to monitor, accurately identify, and control risks. Identify those areas of risk you believe should be addressed relative to performance of work under this contract and your plans to mitigate or accept each risk.

(2) Describe how you will ensure the complete success of each special event sponsored by JSC's Center Director (Reference Annex 3.2.3). Describe the oversight, coordination, skills, staffing levels, and physical resources you shall put into place to support real-time, short lead-time requirements before and throughout these events.

(3) Describe the innovative techniques you plan to employ to maximize operational efficiencies and reduce Government inventories at JSC without compromising timely availability of items when required (e.g., JSC currently uses a Just-in-Time (JIT) program for office supplies through a General Services Administration schedule vendor). Provide an explanation of all the specific technologies and/or processes that you will implement. Describe how you will efficiently maintain inventories for critical spare items currently in stock.

(4) Describe the method(s) you will use to provide real-time engineering support in the field to assist craftspeople and superintendents with issues as they occur in various site locations (e.g., operations, maintenance, and repair problems). Describe the engineering resources, capabilities, and tools that you will provide in the field. Describe the process by which the craftspeople and superintendents shall use to call upon this engineering support. Demonstrate that the available resources and proposed process will ensure a timely and adequate engineering solution to support contract requirements. Fully describe the interrelationship between this engineering support and the engineering support provided in Annex 5.

(5) Describe how you will perform work with other contractors to ensure an integrated, fully-operational Energy Control Management System is available at all times. Describe the personnel assigned to ensure coordination occurs, the processes that you will use, the lines of communications that you will establish between the prime offeror, proposed subcontractor, any proposed team members, and the Government. Explain how the effectiveness of this coordination will be evaluated.

(6) Describe how the highly critical Building 30/48 Mission Control Center complex shall be operated including all delegations of authority, to support contract requirements. Describe your staffing and training plan to adequately maintain an experienced work force to support up to 10 Space Shuttle Flights per year and training simulations throughout the year (e.g., adequate number of properly trained operating engineers are available for each flight).

Describe your process for integrating and coordinating with the Mission Operations Directorate (MOD), the organization responsible for mission control, to ensure maintenance and operation of these facilities does not interfere with MOD's mission.

Describe your process for documenting and correctly updating the facility as-built drawings when maintenance or repairs cause a change in a facility (e.g. Building 30/48).

(7) Describe how Work Control, identified in CLIN 1.2, will be structured and accomplished, including all delegations of authority, to meet the contract requirements specified. Describe your process for receiving, scheduling, tracking, completing, and closing out work. Describe how delayed work will be tracked, rescheduled, and completed. Describe the mechanism you will use to match the correctly trained and skilled manpower to the work requirement. Describe how work control's effectiveness will be monitored, measured, and controlled.

Describe the process that you will use to provide a single work order number for all requested work and a cradle-to-grave audit trail regardless of the project/task phasing (number of Annexes that support the work) or the number and kinds of crafts assigned to complete the work.

Describe the process you will use to handle requests for task plans under Annex 13 for maintenance or repair of user or non-specified equipment. Describe how you will respond to emergency requests for problem mitigation or repair to user or non specified equipment.

B. Understanding of Requirements (Annex Level)

By Annex, and for the major functional areas within each Annex, describe each of the items requested below in specific and concise terms using techniques such as logic and flow diagrams, charts, or matrices. As applicable for each item requested below, describe the basic set-up, sequential flows with typical timelines, the degree of automation planned, interfaces internal and external to the COSS contract, and how each will be monitored to assure it's working properly.

(1) Describe how you will meet contract requirements in each Annex including how work will be:

- a. Received
- b. Reviewed
- c. Prioritized
- d. Scheduled
- e. Tracked
- f. Performed

(2) Describe:

- a. How your Quality Control program will effectively monitor products and services to ensure that they meet contract requirements.
- b. The specific metrics that you will use in each Annex (including those for the high visibility areas)
- c. The performance each metric will be designed to measure.
- d. For each metric, give the value(s) that will trigger actions to fix the problem with the deliverables.
- e. Description of the actions that will occur if that trigger is reached.
- f. Specific methods that the offeror will use to monitor, identify, and control risks such as occupational safety, damage to property, and contamination of property resulting from or occurring while performing facilities-related work.

(3) Identify and describe:

- a. Where you will use effort from one Annex to support the accomplishment of requirements in other Annexes.
- b. The impact of the interrelationship. (e.g., maintenance reviews of Annex 5 designs to ensure equipment maintainability to support Annex 2 work.).
- c. Any information generated within an Annex that is essential or useful in the effective performance of contract requirements in other Annexes.
- d. How the quality of this information shall be monitored and maintained.
- e. How information shall be disseminated to each applicable Annex.
- f. The controls (including lines of authority) that will be used to ensure control and disseminate information from one Annex to another.
- g. The requirements for which estimating procedures will be required to process work.

(4) During handoff of products from one Annex to another, if the product is returned to the previous Annex for rework, describe how work will be:

- a. Tracked
- b. Scheduled
- c. Reprioritized

C. RFP Issues

(1) Describe how you shall implement customer support and how you plan to develop and maintain customer relationships. Describe the techniques, processes, or tools you will use to measure the effectiveness of your customer support and if customer expectations are being met.

Describe how you will provide effective customer service across the entire contract. Specifically, discuss how customer service will be handled when it involves direct COSS contractor interaction with JSC customers both within and outside of the Center Operations Directorate (COD), the organization managing this contract. Describe the steps that you will take to ensure that customer interactions are positive (e.g., meeting contract requirements in a friendly, professional manner). Describe the steps that you will take, if any, to continuously improve customer service. Describe procedures, techniques, or methods that you will use to monitor, identify, and promptly correct customer service problems.

(2) Describe your method for disseminating real-time, accurate, and current information to numerous site customers requesting work from you as the COSS contractor. The information to be addressed includes, but is not limited to, such data as work order number, COSS point of contact, scheduled completion data, and work status (open, in process, or closed). Describe the techniques, technologies, methodologies, and systems that you shall use to satisfy this requirement. Describe the specific information you will provide, how frequently it will be provided, how it will be acquired, updated, checked for accuracy, and distributed as well as identify the people to whom the information will be provided. Identify the method(s) and system(s) that you will use to create your metrics.

(3) Each Offeror is requested to propose effective and efficient tools, systems, or capabilities it offers to provide in order to enhance its ability to perform contract requirements. For any tool proposed, the offeror shall fully describe the tool, identify the contract requirements that will benefit from its use, and explain how it can improve performance. For any system proposed, the offeror shall fully describe the system, identify any existing system(s) it is intended to replace, describe how any existing system(s) would be transitioned to the new system, identify the contract requirements that will benefit from using the new system, and describe how the system can improve performance. For any capability proposed, the offeror shall fully describe the capability, demonstrate possession of the capability, identify the contract requirements that will benefit from the proposed capability, and describe how the capability can improve performance.

5.3 VOLUME III - PAST PERFORMANCE

The Source Evaluation Board will contact organizations for which your company has previously performed work in order to obtain appraisals of your company's performance. In order to facilitate these checks, when completing the forms identified below, supply the name, address, and telephone numbers of customers' technical managers and contracting officials most familiar with the contract for which the data is being provided. Offerors should ensure that phone numbers and times of availability provided for references are current and correct.

A. Past Performance Data

Complete RFP Form 1 to identify up to 10 contracts (completed and ongoing) over \$1 million in total value that the prime contractor or any proposed joint venture partner(s) has had within the past three years that best shows your ability to perform the COSS contract work. Additionally, each proposed subcontractor / team member expected to perform COSS services over \$1 million total, shall complete Form 1 to identify up to 10 contracts (completed and ongoing) held by those legal entities during the past three years that best shows their ability to perform COSS work. Identify those contracts that are held by the same

legal entity (e.g. company / division, or subsidiary), if applicable, that will perform under the proposed contract.

B. RESERVED

C. Safety and Environmental Performance

Offerors as well as any proposed joint venture partner(s) shall provide a statement of its past safety performance on contracts identified in A above. A statement shall be submitted regarding any OSHA citations of your company's operations during the past five (5) years. For those contracts cited in A above, records of your company's OSHA recordable injuries and illnesses are also to be included. The records will typically include, for each worksite, as a minimum, one copy of each year's OSHA logs for these past five (5) years as required by Title 29 of the Code of Federal Regulations, Section 1904.5(d) including the number of employees at the worksite and the calculated OSHA recordable frequency rate; and the Standard Industrial Classification Code utilized. At its option, offerors may submit a Consolidated Form 200 for all facilities or copies of the OSHA Form 200 for each facility during the requested period. If you propose a joint venture, team member, or prime/subcontractor relationship with multiple legal entities, the same information shall be provided for all legal entities identified in the proposal.

Offerors shall provide a statement of their past environmental performance. A statement shall be provided regarding any environmental related citation of your company's operations in the past five years. Citations may have come from federal, state, and local environmental agencies. If you propose a joint venture, team member, or prime/subcontractor relationship with multiple legal entities, the same information shall be provided for all legal entities identified in the proposal.

In addition to the above, a list of all safety and health insurance carriers that have underwritten the offeror's worker's compensation program or equivalent for the last five (5) years shall be provided. This list of insurance carriers shall include a point of contact and phone number to aid proposal evaluators in verifying the offeror's statements of its past safety and health performance. Please authorize these carriers to respond to questions by the Government. In addition, the worker's compensation experience modifier, including the respective state's formulas utilized for the computation shall be included; along with the loss ratio for the past five (5) years (where the loss ratio is defined as the ratio of losses to insurance premium). All figures used for computation shall be shown. Information on the liability and lawsuit history related to safety and health performance shall also be provided. Data shall be provided in the form of a certification letter from the insurance carrier. In the event that the company is self insured, the same information shall be provided and certified with the signature of a responsible company official. If you propose a joint venture, team member, or prime/subcontractor relationship with multiple legal entities, the same information shall be provided for all legal entities identified in the proposal.

D. Quality System Experience

Each offeror is requested to provide copies of ISO certifications it has received elsewhere in the past three (3) years. If you propose a joint venture, team member, or prime/subcontractor relationship with multiple legal entities, the same information shall be provided for all legal entities identified in the proposal.

E. Historical Financial Performance and Condition

Demonstrate past financial performance in a discussion that reconciles to data reported in financial statements. This information is required of the prime offeror only; unless, a teaming arrangement is proposed. If a teaming arrangement is proposed, submit the required data for all team members. Include, as a minimum, the following information:

- a. Complete name and location of the division or entity proposing the effort.
- b. Complete name and location of the parent corporation, if applicable.
- c. Recent history of earnings (last 3 years) of the division or entity involved in the procurement. Include a hard copy of current financial statements.
- d. A general statement of the financial strength of the company and of its resources capability to finance the start-up funds (e.g., initial capital expenditures and increases in accounts receivable) and to perform the contract, covering such items as:
 1. The most recent balance sheet, plus the balance sheet as of the end of the prior accounting period.
 2. The firm's credit line and/or source of funds.
 3. Statement as to whether or not the company entity proposing this effort is guarantor on any note(s).
 4. Current commitments to other contracts.
 5. Company's ability to support short notice backup for critical skills, material acquisition, and other "home office" support services that may be required under this contract.

5.4 VOLUME IV – Cost/Price Proposal

A. General Cost/Price Instructions

This procurement will require the submittal of one cost/price proposal for the following areas: cost reimbursement, firm fixed price lump sum, ID/IQ, and labor relations. The cost/price proposal should be divided into these four sections and properly identified.

You are required to submit a set of ID/IQ rates that will be used for fixed priced delivery orders (Annex 6). You will also be required to submit another set of rates for the cost reimbursement task orders (Annex 13). You are to propose a Not-To-Exceed award fee rate for cost reimbursement task orders.

You are required to submit all the required cost forms to support the cost reimbursement portion. The cost forms are described in detail in this section. The cost proposal shall encompass all cost/price elements associated with the requirements of the contemplated contract and shall comply with applicable Federal Acquisition Regulation (FAR), NASA FAR Supplement (NFS), and governing statutory requirements, including Public Law 87-653, Truth in Negotiations Act, and Public Law 100-679, Cost Accounting Standards.

To ensure that the Government is able to perform a fair assessment of the proposed cost/price, each offeror is required to submit the information requested in this volume. A cost realism analysis will be performed to assess whether the costs are realistic for the work to be performed and to assess whether the requirements are fully understood. It will also be used to assess whether the offeror will be able to satisfactorily perform as well as assess the financial responsibility of the offeror. Unrealistic estimates proposed by the offeror shall be presented to the Source Selecting Authority (SSA) who will consider the potential contractor's financial and performance impacts in performance of the SOW. Each cost proposal shall be suitable for evaluation and include supporting information cross-referenced to allow traceability/reconciliation to the technical/management proposal(s).

Each offeror is required to enter all unit rates, prices or cost estimates necessary to complete the cost/price schedules contained in Section B of the RFP. The schedule at Section B, B.8 contains fixed prices for services can be acquired by delivery orders. The schedule at Section B, B.10 contains fixed bare labor rates that can be used when pricing delivery orders in accordance with Annex 6 of the SOW. Similarly for cost reimbursable ID/IQ requirements, the schedule at Section B, B.9 contains pre-established cost estimates for commonly needed services that can be acquired by task orders. Also, the schedule at Section B, B.11 contains pre-established loaded labor rates that will be used when establishing task order cost estimates under Annex 13 of the SOW. These unit rates will be used for cost reimbursement ID/IQ task orders. Finally the schedule at Section B, B.12 contains pricing coefficients to be used in pricing ID/IQ work. The coefficients for Means cost data and the coefficients for non-prepriced work are only used to price fixed price delivery orders. The coefficient factor for materials and equipment rental and the coefficient factor for subcontracted work will be used to price both fixed price delivery orders and cost reimbursement task orders. Therefore, it is important that you are realistic in developing your rates and coefficients.

Note: These instructions apply to the offeror proposed as prime and all proposed major subcontractors with an annual estimated value that exceeds \$ 1 Million.

All pricing and estimating techniques shall be clearly explained in detail (projections, rates, ratios, percentages, coefficient factors, etc.) and shall support the proposed prices in such a manner that audit, computation, and verification can be accomplished. Also, any experience factors (unit prices, hours, quantities, etc.) and judgmental projections shall be explained. All past actuals shall show the periods of time and prices or costs in detail when used as a basis for estimating the proposed prices. The offeror shall discuss the rationale for any escalation proposed for each price element. The offeror shall also include the company's escalation history for each price element for the past 3 years.

Note: FAR Clause 52.222-43 Fair Labor Standards Act (FLSA) and Service Contract Act (SCA)—Price Adjustment (Multiple Year and Option Contracts). Direct labor covered by this clause (i.e. non-exempt labor used to price work performed under Annex 6, 7, and 14) shall not be escalated. This clause prohibits offerors from including contingent pricing in its proposal to address anticipated future labor cost increases related to the fixed price. However, the clause does allow for future equitable adjustment in contract price for any actual adjustments to minimum wages required by the Government for those categories of direct labor covered by the clause.

Phase-in:

Include the estimated price associated with Phase-in on the B.7 Schedule of Prices forms. Include all phase-in prices on the FFP lump sum forms only. The price included on the FFP lump sum form should reconcile to the total of milestones one through four for phase-in on B7. These prices shall be what you will charge the Government for these services.

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The resources required to accomplish the phase-in work at the Annex level should be provided on the "Annual Annex Resources Form (AARF)". For the FFP lump sum and all IDIQ (annex 6 & 13) work provide the resources on the AARF under the FFP lump sum portion. For the non-IDIQ Cost Reimbursement (CR) work, provide the resources on the AARF under the CR portion. A check box, "[] IDIQ phase-in (Annex 6 & 13)", has been added to account for the all resources associated with Phase-in. When checking this box, the only column required to be filled out is phase-in. You should include all resources anticipated in performing the phase-in on the resources forms even if you will not charge the Government for the total amount. For example, if you anticipate that it will take XYZ resources to accomplish Annex 1, than include that amount on the appropriate AARF; even if you only plan to charge the Government a fraction of the actual cost incurred.

HARDCOPY AND COMPUTERIZED PRICE PROPOSAL INPUT:

The Government intends to use an IBM-compatible personal computer with Microsoft Excel to aid in the evaluation of the cost proposal. In addition to providing hardcopies of all forms described below, each offeror and subcontractor is required to submit electronic pricing data including formulas on CD-ROM. The submission of pricing data on CD-ROM is required to be compliant with the RFP instructions. The workbook file identifies tab names that correspond to each specific form identified in the RFP. The offeror is required to complete each of these forms with the same data that is supplied on the hard copy forms.

The file names and location of forms are located in the following table:

Form Name	Form Location (file name / tab)
Cost Reimbursement Forms:	
Annual Annex Summary Form (AASF)	CR.xls / AASF
Annex Cost Summary Form (ACSF)	CR.xls / ACSF
Annual Annex Resources Form (AARF)	CR.xls / AARF
Rates Form	CR.xls / RATES
FFP Lump Sum Forms:	
FFP Lump Sum: Annual Annex Summary Form (AAPSF)	FFP.xls / AASF
FFP Lump Sum: Annex Price Summary Form (APSF)	FFP.xls / APSF
FFP Lump Sum: Annual Annex Resources Form (AARF)	FFP.xls / AARF
FFP Lump Sum: Rate Form	FFP.xls / RATES
IDIQ Forms:	
ID/IQ Development Form--Annex 13	IDIQ.xls / development form -- annex 13
ID/IQ Contract Rates -- Annex 13	IDIQ.xls / contract rates-annex 13
ID/IQ Bare Labor Cost (Annex 6)	IDIQ.xls / bare labor-annex6
Coefficient Factor - Means Cost Data Normal Work Hours	IDIQ.xls / means core
Coefficient Factor -- Means Cost Data Other Than Normal Work Hours	IDIQ.xls / means non-core
Coefficient Factor -- Non-Prepriced Work Normal Work Hours	IDIQ.xls / nonprepriced core
Coefficient Factor -- Non-Prepriced Work Other Than Normal Work Hours	IDIQ.xls / nonprepriced non-core
Coefficient Factor -- Subcontracted Work	IDIQ.xls / subcontracted work
Coefficient Factor -- Materials and Equipment Rental	IDIQ.xls / matl & equip
Prime and Subcontractor Estimated Percentage Breakout of Work	IDIQ.xls / prime & sub
Labor Relations Forms:	
Salaries and Wages Non-Exempt	Comp forms.xls / Form a
Salaries and Wages Exempt	Comp forms.xls / Form b
Fringe Benefits Analysis of Compensation Package	Comp forms.xls / Form c
Personnel and Fringe Benefits Policies	Comp forms.xls / Form d

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Also include as forms in the cost proposal (1) all forms required in Section B and (2) the schedule of workload adjustment values contained in Section J, Attachment G. These forms should also be submitted in hardcopy as well as electronically.

Offerors shall not adjust the spreadsheet file formats, except as required for formatting such as column widths, row heights and adding columns and rows to accommodate data. The location and contents of individual cells must not be adjusted.

Each CD-ROM shall have an external label affixed indicating:

- (1) The name of the prime offeror
- (2) The name of the proposed subcontractor, if applicable
- (3) The RFP number.
- (4) An indication of the files or range of files contained on the disk.

B. Cost instructions for preparation of Cost Reimbursement Portion

This section affects Annexes: 1, 2, 3, 4, 5, 8, 9, 10, 11, and 12. The offeror is required to complete the four forms provided for the non ID/IQ cost reimbursement portion of the SOW. These forms are described below and consist of the following: Annual Annex Summary Form (AASF), Annex Cost Summary Form (ACSF), Annual Annex Resources Form (AARF), and the Rates Form. Ensure that these forms reconcile with each other, where appropriate. Also, provide a description of your proposed fee structure. Also, to facilitate potential future contract administration as contemplated in the clause at H.10 entitled "Contract Adjustment for Completion Form," each offeror shall enter its estimated workload unit values (estimated cost, excluding fee) in Section J, Attachment G.

(1) Annual Annex Summary Form (AASF)

The AASF is required only of the offeror proposed as prime; however, requires the offeror proposed as prime to consolidate all cost and fee by Annex. Therefore, the offeror proposed as prime is responsible for integrating all required pricing information (prime and all proposed subcontractor(s)) into this form. Proposed subcontractors' fee should be shown as fee on this form. Therefore, all proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. A reference column has been provided on the templates for the offeror to use to identify the supporting narrative data for each cost element. The detailed data (narrative and schedules) should be clearly displayed so that the Government may understand the cost development and computations.

(2) Annex Cost Summary Form (ACSF)

A separate APSF is required from the offeror proposed as prime and each proposed major subcontractor. This form should include cost summary level information for all cost reimbursement Annexes: Annex 1, 2, 3, 4, 5, 8, 9, 10, 11, and 12. It requires cost estimates by cost elements: Labor Hours (offeror proposed as prime vs. sub), Labor Cost (straight vs. overtime), Subcontractor cost (cost vs. fee), Other Direct Costs (materials, equipment, etc.), Overhead cost, G&A cost, Facilities Capital Cost of Money (FCCOM), and Fee by contract year. A reference column has been provided on the templates for the offeror to use to identify the supporting narrative data for each cost element. The detailed data (narrative and schedules) should be clearly displayed so that the Government may understand

the cost development and computations. A detail narrative basis of estimate shall be provided for all proposed price elements; including estimating methodology, references, company history, etc.

The major subcontractors should fill this form out as a prime and check the box "[] Subcontractor". For example, do not include all cost under just the two cost areas for subcontractors. Instead provide your cost broken out by all cost elements (hours, labor, overhead, G&A, etc.) provided on the form. All cost forms that are considered to have proprietary data on it may be submitted to the Government via the prime offeror in a sealed envelope. However, ensure that the prime is at least provided the necessary data to fill out their forms such as cost and fee broken out.

(3) Annual Annex Resources Form (AARF)

The AARF is required only from the offeror proposed as prime; however, it requires the offeror proposed as prime to consolidate all resources data (hours and ODC) by Annex. Therefore, the offeror proposed as prime is responsible for integrating all required data (prime and all proposed subcontractor(s)) into this form. All proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. This form should reconcile to the ACSF.

The offeror shall complete the AARF to show the total resources (hours and other direct costs) by year at the Annex level. Provide a separate form for each Annex identified on the form. A check box has been added, "[] IDIQ Phase-in (Annex 6 & 13)", to account for the resources associated with phase-in. When checking this box, only the phase-in column is required to be filled out. The following provides a brief explanation of the cost elements included on the form:

a. Labor Hours: The offeror shall provide a complete schedule of all proposed labor in sufficient detail to allow for the analysis of labor requirements time-phased and identified by labor categories listed on Schedule B. The information provided on this form must be at the Annex level. Do not provide this information by task level. Provide a separate detailed narrative explaining the reason for proposing the skills and hours for each Annex.

b. ODC: The offeror shall provide an estimated cost for ODC that shall include, but not be limited to, materials and minor subcontracts. ODC shall be time-phased and identified by cost element over the estimated term of the contract. The rationale shall support the quantity of ODC (e.g., materials, equipment and other).

The following supplemental price element data, where appropriate, shall also be submitted:

i. Purchased Parts & Raw Materials - For major items, provide a description of the manufacturer's part number, quantity, unit cost, total costs, anticipated source (manufacturer), and basis of estimate (e.g., vendor quote, prior buy, engineering estimate).

ii. Minor Subcontracted Items - Provide a separate cost breakdown for each minor subcontract.

iii. Interdivisional Transfers (between plants and divisions) - Provide a separate breakdown of costs.

Note 1: The basis of estimate (BOE) narrative can address the estimate down to the task level if necessary. For Example, your estimate for Annex 1 may be XYZ hours and it is comprised of "123" hours for 1.3.1 and "456" hours for 1.4.1 and so forth. Your BOE narrative explanation may address the significant task that comprises the total Annex. It is important that sufficient information is provided to assure the Government that you understand the requirements and proposed adequate and sufficient resources to satisfy the requirements. A cost realism analysis will be performed; therefore, it is important to propose realistic estimates.

Note 2: The supporting rationale associated with all proposed resources shall be submitted as a word document and shall be adequately cross-referenced to facilitate a comprehensive evaluation. It is important that in this word document, you provide adequate support (cost estimating relationships, historical experience, parametric estimates, etc.) for all proposed estimates.

(4) Rates Form

This form is required of the offeror proposed as prime and each major subcontractor. This form shall provide the Government annual labor and indirect rates. The offeror shall include all labor categories proposed on the AARF. The rates included on this form for direct labor shall be straight time rates. The column entitled "source" is intended for you to include the source data such as department of labor wage determination number or collective bargaining agreement number.

Included on the form are the indirect rates information required. Offerors shall provide a written explanation for each rate proposed. For example: "the material handling rate of XYZ% is based on the latest budgetary data audited by XYZ for calendar year 01."

C. Cost instructions for preparation of Firm Fixed Price (FFP) Lump Sum Portion

This section affects Annexes: 7 and 14. These Annexes are firm fixed priced; therefore, prices must be realistic. The offeror will have to perform the requirements under these Annexes at the proposed prices. The offeror is required to complete the four forms provided. These forms are described below and consist of the following: FFP Lump Sum: Annual Annex Summary Form (AASF), FFP Lump Sum: Annex Price Summary Form (APSF), FFP Lump Sum: Annual Annex Resources Form (AARF), and the FFP Lump Sum: Rates Form. Ensure that these forms reconcile with each other, where appropriate. In addition, each offeror shall enter its fixed prices, including one for each phase-in milestone, into Section B. Each offeror shall ensure that the phase-in milestones are appropriately priced to constitute full payment for all phase-in services.

(1) FFP Lump Sum: Annual Annex Summary Form (AASF)

The AASF is required only of the offeror proposed as prime; however, it does require the offeror proposed as prime to consolidate all cost, profit and prices by Annex. Therefore, the offeror proposed as prime is responsible for integrating all required pricing information (prime and all proposed subcontractor(s)) into this form. Any proposed subcontractors' profit should be shown as profit on this form. Therefore, all proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. A reference column has been provided on the templates for the offeror to use to identify the supporting narrative data for each line item. The detailed data (narrative and schedules) should be clearly displayed so that the Government may understand the price development and computations.

(2) FFP Lump Sum: Annex Price Summary Form (APSF)

A separate APSF is required from the offeror proposed as prime and each proposed major subcontractor. This form should include price summary level information for FFP annexes 7 & 14. It requires estimates by the following line items: Labor Hours (offeror proposed as prime vs. sub), Labor Cost (straight vs. overtime), Subcontractor cost (cost vs. fee), Other Direct Costs (materials, equipment, etc.), Overhead cost, G&A cost, Facilities Capital Cost of Money (FCCOM), and Profit by contract year. Phase-in costs associated with the FFP Annexes must be provided on this form. Phase-in costs must reconcile with the milestone payments in Section B. A reference column has been provided on the templates for the offeror to use to identify the supporting narrative data for each line item. The detailed data (narrative and schedules) should be clearly displayed so that the Government may understand the price development and computations. A detail narrative basis of estimate shall be provided for all proposed line items; including estimating methodology, references, company history, etc.

The major subcontractors should fill this form out as a prime and check the box "[] Subcontractor". For example, do not include all cost under just the two cost areas for subcontractors. Instead provide your cost broken out by all cost elements (hours, labor, overhead, G&A, etc.) provided on the form. All price forms that are considered to have proprietary data on it may be submitted to the Government via the prime offeror in a sealed envelope. However, ensure that the prime is at least provided the necessary data to fill out their forms such as cost and fee broken out.

(3) FFP Lump Sum: Annual Annex Resources Form (AARF)

The AARF is required only of the offeror proposed as prime; however, it requires the offeror proposed as prime to consolidate all resources data (hours and ODC) by Annex. Therefore, the offeror proposed as prime is responsible for integrating all required data (prime and all proposed subcontractor(s)) into this form. All proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. This form should reconcile to the APSF.

The offeror shall complete the AARF to show the total resources (hours and other direct costs) by year at the Annex level. Provide a separate form for each Annex identified on the form. The following provides a brief explanation of the line items included on the form:

a. Labor Hours: The offeror shall provide a complete schedule of all proposed labor in sufficient detail to allow for the analysis of labor requirements time-phased and identified by labor categories listed on Schedule B. The information provided on this form must be at the Annex level. Do not provide this information by task level. Provide a separate detailed narrative explaining the reason for proposing the skills and hours for each Annex.

b. ODC: The offeror shall provide an estimated cost for ODC that shall include, but not be limited to, materials and minor subcontracts. ODC shall be time-phased over the estimated term of the contract. The rationale shall support the quantity of ODC (e.g., materials, equipment and other).

Note 1: The basis of estimate (BOE) narrative can address the estimate down to the task level if necessary. For Example, your estimate for Annex 1 may be XYZ hours and it is comprised of "123" hours for 1.3.1 and "456" hours for 1.4.1 and so forth. Your BOE narrative explanation may address the significant tasks that comprise the total Annex. It is important that sufficient information is provided to convince the Government that you understand the requirements and

proposed adequate and sufficient resources to satisfy the requirements. A cost realism analysis will be performed; therefore, it is important to propose realistic estimates.

Note 2: The supporting rationale associated with all proposed resources shall be submitted as a word document and shall be adequately cross-referenced to facilitate a comprehensive evaluation. It is important that in this word document, you provide adequate support (cost estimating relationships, historical experience, parametric estimates, etc.) for all proposed estimates.

(4) FFP Lump Sum: Rates Form

This form is required of the offeror proposed as prime and each proposed major subcontractor. This form shall provide the Government annual labor and indirect rates. The offeror shall include all labor categories proposed on the FFP Lump Sum: AARF. The rates included on this form for direct labor shall be straight time rates.

Included on the form are the indirect rates information required. Offerors shall provide a written explanation for each rate proposed. For example: "the material handling rate of XYZ% is based on the latest budgetary data audited by XYZ for calendar year 01."

D. ID/IQ COST PROPOSAL INSTRUCTIONS

This section requires the submittal of rates data to be used for both ID/IQ cost reimbursement (CR) task orders and firm fixed priced (FFP) delivery orders. It is important that the proposed rates are realistic. The loaded labor rates on the ID/IQ Loaded Labor Cost – Annex 13 form will be used for CR task orders, while the bare labor rates on the ID/IQ Bare Labor Cost – Annex 6 form will be used for the FFP delivery orders. The forms that are required in this section are as follows:

- ID/IQ Development Form – Annex 13
- ID/IQ Contract Rates – Annex 13
- ID/IQ Bare Labor Cost – Annex 6
- Coefficient Factor – Means Cost Data Normal work Hours
- Coefficient Factor – Means Cost Data Other Than Normal Work Hours
- Coefficient Factor – Non-Prepriced Work Normal Work Hours
- Coefficient Factor – Non-Prepriced Work Other Than Normal Work Hours
- Coefficient Factor – Subcontracted Work
- Coefficient Factor – Materials and Equipment Rental

All labor categories included in Section B must be included on the ID/IQ forms with your proposed rates. If there are anticipated labor categories that are not included in section B and you believe they will be required in performing the functions, include the following information: the name of the category (if non-exempt, the name as per the Department of Labor Wage Decision or the Collective Bargaining Agreement) and a brief job description.

These forms will be used to evaluate the ID/IQ portion of the offeror's proposal. The offeror is required to submit all direct, indirect and fee/profit rates as required on the forms. NASA will use an internally developed pricing model to evaluate the ID/IQ effort. The model will apply your proposed unit prices, rates and factors against an anticipated set of requirements. This model will not be provided to offerors. The model will be used for evaluating differences in rates and to assess the impact of the offerors proposed rates. This internal model will be used for evaluation purposes only and will reflect a representative sample of resources required in

the SOW. This model will be applied consistently to all offerors to develop an estimated cost/price for selection purposes. Any differences in proposed direct and indirect rates that occur between this section and other sections of the must be adequately justified and explained.

Each of the ID/IQ forms are explained below:

(1) ID/IQ Development Form – Annex 13

The rates provided on this form will be used for cost reimbursement task orders. You should escalate the rates for DOL WD non-exempt personnel. These rates will not be adjusted in the contract when DOL issues new wage determinations.

This form is required of the prime offeror and each subcontractor anticipated in performing ID/IQ work. This form shall be completed for each year of the five-year contract. The left side of the form is structured so that the offeror may view all the non-exempt and exempt labor classifications as listed in the price schedule contained in Section B. The second column requires the offeror to provide the corresponding straight time labor rate per labor category. The third column requires the hourly fringe rate per labor category. For non-exempt personnel, the proposed rates must be at least equal to the applicable DOL Wage Determination rates. For exempt personnel, the rates proposed must be explained and supported by adequate pricing data such as company history, survey data, etc. The fourth through the seventh column is to account for all the company's indirect expense (overhead, G&A, etc.). The eighth column should include subcontractor fee/profit only. The prime offeror's fee will be determined when the task order is issued under Annex 13 and shall not be greater than the NTE fee rate proposed for this area. The last column is used to reference the basis of estimate.

In addition, provide in a separate word file attachment a Basis of Estimate for each of the line items listed in Section B.9 Pre-established Annex 13 Cost Values. The Basis of Estimate shall address how each unit cost was determined. For example, the Inspection for Cooling Tower under 13.2, Sub-identifier UEE1001, you should address the direct labor hours, all direct and indirect rates, material costs and all other direct costs in arriving at the unit prices.

(2) Contract Rates – Annex 13

This form is only required of the prime offeror. However, the prime offeror must consolidate the subcontractors data and appropriately include those cost rates into this form, where applicable. Subcontractors must provide their fully burdened rates to the prime offeror to allow for this to occur. Include some rationale in the basis of estimate area if the prime applies an indirect cost rate such as a subcontractor handling charge. This form should have no blanks; therefore, every labor category on this form should be proposed with a fully burdened cost rate for each year of the contract.

Provide an explanation of how these rates were derived and the assumptions made regarding subcontractors. It is important that you provide all assumptions used in developing these combined rates. If the prime offeror and a proposed subcontractor will be providing labor resources each for one labor category; you must provide your assumption regarding the percentage that each will contribute to the development of the combined rate.

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(3) ID/IQ Bare Labor Cost – Annex 6

The rates provided on this form will be used for fixed priced delivery orders. It is important that you take this into consideration when developing these rates. You should not escalate the rates for DOL WD non-exempt personnel. These rates will be adjusted in the contract when DOL issues new wage determinations.

This form is required only of the offeror proposed as prime. However, the offeror is required to consolidate the rates data. The offeror proposed as prime is responsible for integrating all required resources (offeror proposed as prime and subcontractor(s)) into this form. Therefore, all proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. This form shall be completed for each year of the five year contract. The left side of the form is structured so that the offeror may input all the DOL Wage Determination and exempt labor classifications as listed in the price schedule contained in Section B. The second column requires the offeror to provide the corresponding straight time labor rate per labor category. The third column requires the hourly fringe rate per labor category. For non-exempt personnel, the proposed rates must be at least equal to the applicable DOL Wage Determination rates. For exempt personnel, the rates proposed must be explained and supported by adequate pricing data such as company history, survey data, etc. The fourth column is the bare cost which is the combination of the labor rate and the associated fringe rate. The fifth column is used to reference the basis of estimate.

Those labor categories not covered under the wage determination shall be provided as a composite of the prime offeror and proposed subcontractor(s) combined as a weighted average or other basis of estimate that is appropriate to arrive at one rate. Provide an explanation of how these rates were derived and the assumptions made regarding proposed subcontractors. It is important that you provide all assumptions used in developing these combined rates. If the prime offeror and a proposed subcontractor will be providing labor resources each for one labor category; you must provide your assumption regarding the percentage that each will contribute to the development of the combined rate.

(4) Coefficient Factor Forms

Only the offeror proposed as prime contractor shall complete these forms. Of the six Coefficients Factor Forms included in the instructions, two apply to both Annex 6 and 13 (i.e. Subcontracted Work Coefficient and the Materials and Equipment Rental Coefficient). The remaining forms (i.e. Means Cost Coefficient for Normal Work Hours, Means Coefficient for Other Than Normal Work Hours, Non Pre-priced Work for Normal Work Hours, and Non Pre-priced Work for Other Than Normal Work Hours) apply only to Annex 6. These forms address factors that will be applied to bare labor, subcontract, material, or equipment rental prices to address the burden cost (administrative and non-labor) required for a particular task.

The following lists the six coefficients:

1. Means Cost Coefficient Factors for Normal Work Hours
2. Means Cost Coefficient Factors for Other Than Normal Work Hours
3. Non Pre-priced Work for Normal Work Hours
4. Non Pre-priced Work for Other Than Normal Work Hours
5. Subcontracted Work Coefficient
6. Materials and Equipment Rental Coefficient

A description of each of the six coefficients and the cost/price elements to be contained within each is provided in Annex 6. Each coefficient proposed shall include all such elements.

E. LABOR RELATIONS FORMS

The following compensation forms are required in order for the Government to perform an evaluation of your labor relations. These forms will be used in conjunction with data provided in the "Labor Relations" section for evaluation. These forms should reconcile with the cost templates described above, wherever applicable.

a. Compensation Form (a): SALARIES AND WAGES NON-EXEMPT - CONTRACT YEAR 1

The offeror shall submit a completed Compensation Form a for non-exempt personnel in the first contract year only. This form is required of the offeror proposed as prime and all proposed major subcontractors. The offer should include the DOL WD or CBA number at the top of the form. A separate form is required for each DOL WD and/or CBA. In the "LABOR CATEGORY - Offeror's" column, list all labor classifications included in the proposal, by titles from the offeror's estimating system. The "Number of Proposed Personnel" is required for each row on the form containing a "LABOR CATEGORY - Offeror's". The "Proposed Average Labor Rate" is the Contract Year 1 labor costs divided by the number of hours proposed for that labor category. The "Lowest Labor Rate" and "Highest Labor Rate" are the lowest and highest wage rates included in the proposal for each labor classification listed under the "LABOR CATEGORY - Offeror's" column.

b. Compensation Form (b): SALARIES AND WAGES EXEMPT - CONTRACT YEAR 1

The offeror shall submit a completed Compensation Form b for exempt personnel in the first contract year only. This form is required of the offeror proposed as prime and all proposed major subcontractors. In the "LABOR CATEGORY - Offeror's" column, list all labor classifications included in the proposal, by titles from the offeror's estimating system. The "Number of Proposed Personnel" is required for each row on the form containing a "LABOR CATEGORY - Offeror's". The "Proposed Average Labor Salary" is the Contract Year 1 labor costs divided by the number of personnel proposed for that labor category. The "Lowest Labor Salary" and "Highest Labor Salary" are the lowest and highest salaries included in the proposal for each labor classification listed under the "LABOR CATEGORY - Offeror's" column.

c. Compensation Form (c): FRINGE BENEFITS ANALYSIS OF COMPENSATION PACKAGE - Contract Year 1

A separate Form c shall be completed for Exempt, Non-Exempt Nonunion, and Non-Exempt Union direct labor. It should be noted that the minimum hourly fringe benefits rate can not be less than the DOL specified minimum rate listed in the RFP under Section J for non-exempt employees. The column entitled, "Cost of Fringe benefit" should include the cost, not rate, associated with the fringes specified (i.e. life insurance, disability insurance, etc.) that are proposed on this contract for each of the related personnel type (exempt, non-exempt, union, non-union). The next column entitled, "Percent of Payroll" should include the percentage of each of the related specified fringe costs as a percent of payroll (direct labor cost). The third column

should include hourly rates based on the average cost per labor hour proposed per specified fringe.

d. Compensation Form (d): PERSONNEL AND FRINGE BENEFITS POLICIES
- Contract Year 1

This form provides a standard format to disclose, by employee category, the application of personnel policies and fringe benefits which shall be in effect at the time of award. Although only brief explanations are desired, sufficient information is required to allow an evaluation and estimate of all potential costs which will arise upon award of the contract. Comments are required pertaining to all items listed below under the proper column, whether or not the policy is written. The established practice of the Offeror and applicability to this proposal shall be provided. If the items below are not applicable, so state. Items pertinent to the Offeror which are not identified must be included if cost recovery is anticipated.

PAST PERFORMANCE DATA

1. COSS Prime Contractor/Team Member:
2. COSS Annex Number that Prime Contractor/Team Member above will perform:
3. Referenced Contract Information:
 - A. Name and Address of Customer
 - B. Contract Number:
 - C. Annual Value of Contract:
 - D. Contract Type:
 - E. Contract Performance Location:
 - F. Period of Performance: From: To:
 - G. Cognizant Contracting Officer:
(If commercial, customers business manager)

Name:
Address:
Telephone Number:
Email Address:
Time of day can be reached (Houston, TX cst.):
 - H. Cognizant Technical Manager:

Name:
Address:
Telephone Number:
Email Address:
Time of day can be reached (Houston, TX cst.):
4. Work performed on referenced contract:
5. How related project work correlates with COSS annex the Prime Contractor/Team Member will perform:

Note: Offerors are permitted to reformat this form to the extent required to provide adequate space to provide all required information.

PAST PERFORMANCE DATA

Annex	Function Specific Experience			
	Extensive	Substantial	Moderate	None
1. Administrative Support				
2. Maintenance And Repair				
3. Directed Services				
4. Operations				
5. Engineering				
6. Non-Routine Fix Price IDIQ				
7. Grounds Maintenance				
8. Information Technology				
9. Environmental Program				
10. Supply				
11. Property And Equipment				
12. Transportation				
13. Non-Routine Cost Reimbursable IDIQ				
14. Custodial				

Note: Offerors are permitted to reformat this form to the extent required to provide adequate space to provide required information.

EXPERIENCE DATA

KEY PERSONNEL RESUME

Proposed Position Title _____

Proposed Annual Salary _____

Name _____

CURRENT POSITION:

Title _____

Time in Current Position _____

Annual Salary _____

Number of Personnel Directly Supervised in Current Position _____

Responsible for a Total Workforce of _____ (Number of people)

Description and Scope of Current Job:

*EMPLOYER REFERENCE
NAME AND PHONE NO.

*CUSTOMER REFERENCE
NAME AND PHONE NO.

NOTE: It is the offeror's responsibility to ensure that all references and their phone numbers are current and correct.

EXPERIENCE DATA

NAME: _____

WORK EXPERIENCE

*PAST 10 YEARS IN CHRONOLOGICAL ORDER

Date

Employer Reference
Name and Phone No.

Customer Reference
Name and Phone No.

Description and Scope of Job:

*Use separate page for each work period.

EXPERIENCE DATA

NAME: _____

Education: College Degree(s) _____ If yes, cite Degree(s)
YES NO

Date Received _____

University _____

Major/Minor _____

Professional and/or Technical Training (list):

<u>Type of Training</u>	<u>Where Received</u>	<u>Date</u>
-------------------------	-----------------------	-------------

_____ has [] (has not []) been contacted, is [] (is not []) committed to the proposed position and has [] (has not []) indicated a willingness to accept the salary proposed.

Brief statement of why the proposed individual is uniquely qualified for the proposed position and what percent of his/her total available time will be devoted to this program.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE 1 OF 48 PAGES
2. AMENDMENT/MODIFICATION NO. 3	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY NASA JSC Attn: SEB 416/Charles Bell 2101 NASA Road 1 Houston TX 77058 FAX 281-483-2013/281-483-1130		7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)			(X) 9A. AMENDMENT OF SOLICITATION NO. 9-BJ32-T63-0-24P	9B. DATED (SEE ITEM 11) July 25, 2001
			10A. MODIFICATION OF CONTRACT/ORDER NO.	10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. ~~Failure to comply with these requirements will result in the offer being rejected.~~

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D. OTHER Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The amendment incorporates changes to the RFP that resulted from discussions at the cost/price briefing. Specific changes are explained on continuation pages.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type) Charles C. Bell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED Aug 15, 2001
(Signature of person authorized to sign)		BY (Original Signed by) (Signature of Contracting Officer)	

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STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA

Description of Specific changes:

I. Amendments to Section B:

Modifies the price Section B price schedule at clause B.12. This was done to more clearly delineate the Statement of Work (SOW) Annex(es) under which each indefinite delivery/indefinite quantity (ID/IQ) pricing coefficient will be used. The Coefficient Factors for Means Cost Data and the Coefficient Factors for Non Pre-priced Work will only be used when pricing ID/IQ delivery orders under Annex 6. The Coefficient Factor for Materials and Equipment Rental and the Coefficient for Subcontracted Work will be used both when pricing ID/IQ delivery order under Annex 6 and when estimating the cost of task orders under Annex 13. As part of this amendment, a replacement spreadsheet containing these changes to Section B of the RFP is posted to the NASA Acquisition Internet Service (NAIS) at URL <http://procurement.nasa.gov/cgi-bin/EPS/sol.cgi?acqid=94550>.

II. Amendments to Section C.

Paragraph (4) of 6.1.5 entitled "Pricing Information" in Annex 6 of the SOW is hereby amended from:

"(4) Price using Subcontract Prices – Items not priced according to the first three categories shall be priced in accordance with CLIN 6.1.4.6. Although the Contractor may subcontract RFP work at any time, the Government will only be obligated to pay the lowest price derived by the four pricing methods. (e.g. If the Contractor subcontracts a pre-priced item, the Government will pay the lower price of either the subcontract value or the pre-priced value.)"

to:

"(4) Price using Subcontract Prices – Items not priced according to the first three categories shall be priced in accordance with CLIN 6.1.4.6. Notwithstanding the Contractor's right to subcontract delivery order work, the contractor agrees to use pre-established prices contained in Section B, B.8 to the extent any delivery order proposal can be developed, in total or in part, using one or more pre-established Section B prices. Similarly, all delivery order proposal estimates developed using labor hours shall be based upon the pre-established bare labor rates contained in Section B, B.10 regardless of whether the labor is to be provided by the prime or a subcontractor. The Contractor shall prepare all proposal estimates using the hierarchy above whether or not it plans to subcontract the work. In addition, prior to awarding a delivery order, the Government may occasionally request the Contractor to develop a proposal based upon competitive subcontractor quotes or bids that had previously been estimated in accordance with the hierarchy above."

Replacement pages for Annex 6 will be provided in a subsequent amendment.

III. Amendments to Section L:

- A. The solicitation provision at L.7 entitled "PROPOSAL PAGE LIMITATIONS (NASA 1852.215-81)(FEB 1998)" is hereby amended to exclude RFP Form 1, RFP Form 2, letters of commitment, the Safety and Health Plan and the completed representations and certifications of offerors (Section K) from the proposal page count limitations for Volumes I and II.
- B. Section 2.0 of Section L, Part II entitled "GENERAL" is hereby amended to eliminate ambiguities between it and the provision at L.7 entitled "PROPOSAL PAGE LIMITATIONS (NASA 1852.215-81)(FEB 1998)" relative to what documents are excluded from the proposal page limitations for Volumes I and II.
- C. Subsection 2.0 of Section L, Part II entitled "GENERAL" is hereby amended to correct the number of copies required for each proposal volume submitted to the Government. Each offeror shall submit twenty (20) copies of Volumes I and II, fifteen (15) copies of Volume III, and five (5) copies of Volume IV.
- D. Subsection 5.3 of Section L, Part II entitled "VOLUME III – PAST PERFORMANCE" is hereby amended to include a new element entitled "E. Historical Financial Performance and Condition."
- E. In reference to the pricing note that addresses FAR Clause 52.222-43, the Cost/Price proposal instructions are hereby amended to remove Annex 13 from the annexes identified as being subject to the pricing note.
- F. Amends the General Cost/Price Instructions to address Phase-in.
- G. Amends the table in Section L that lists Cost/Price forms as follows:
 - i. The tab reference for the Annual Annex Resources Form is changed from "ANRF" to "AARF."
 - ii. A form entitled "ID/IQ Development Form – Annex 13" is added
 - iii. The "ID/IQ Loaded Labor Cost (Annex 13)" form is changed to the "ID/IQ Contract Rates – Annex 13"
- H. Amends the General Cost/Price instructions to require offerors to include as forms in the cost proposal (1) all forms required for Section B and (2) the schedule of workload unit values contained in Section J, Attachment G. These forms should be submitted in hardcopy as well as electronically.
- I. Amends the Cost/Price instructions relative to the Annex Cost Summary Form (ACSF) to require cost and fee data from subcontractors rather than labor and non-labor data.
- J. Amends the Cost/Price instructions relative to the Rates Form to state that the column entitled "source" is intended for offerors to include the source data such as Department of Labor wage determination number or a reference to a particular collective bargaining agreement.
- K. Amends the Annex Price Summary Form (APSF) to require cost and profit data from subcontractors rather than labor and non-labor data.

- L. Amends the ID/IQ Cost Proposal Instructions to provide guidance on how to complete the "ID/IQ Development Form – Annex 13" and the "ID/IQ Contract Rates – Annex 13." This amendment also incorporates the instructions for completion of these forms.
- M. Amends the ID/IQ Proposal Instructions to require offerors to include all labor categories in Section B in the completed ID/IQ forms.
- N. Amends the Cost Proposal Instructions to clarify that the values entered into Section J, Attachment G, should be the estimated cost of each unit of service excluding fee.
- O. Amends the Cost/Price Proposal Instructions to provide a further explanation of how subcontractor data is to be provided using the Cost/Price forms.
- P. Amends the Cost/Price instructions relative to completion of the compensations forms.
- Q. The requirement under Past Performance for the submission of financial information has been added to the solicitation. It will require you to submit financial data such as financial statements and letters of credit. This area will be evaluated under the evaluation criteria of Past Performance. Section M, has been updated to account for this revision.

Replacement pages for Section L are provided as pages 6 through 44 of this modification. To further assist potential offerors, this amendment is posted using the Microsoft Word "Track Changes" feature on to provide insight into the specific changes made to Section L.

IV. Amendments to Cost/Price forms:

As part of this amendment, replacement spreadsheets incorporating the following changes to Cost/Price forms are posted to the NASA Acquisition Internet Service (NAIS) at URL <http://procurement.nasa.gov/cgi-bin/EPs/sol.cgi?acqid=94550>.

- A. Phase-in column has been deleted from the Annual Annex Summary Form (AASF) under the Cost Reimbursement (CR) and FFP lump sum areas. Include your total phase-in price, broken out by specified cost element, on the FFP Lump Sum: Annex Price Summary Form (APSF).
- B. The phase-in column has been deleted from the Annex Cost Summary Form (ACSF) and the Rates Form contained in CR.xls spreadsheet. Include your total phase-in price broken out by specified cost element on the FFP Lump Sum: APSF.
- C. A column entitled "source" has been added to the rates forms under the CR and FFP lump sum areas. This is intended for you to include the source of the data such as the applicable DOL WD or CBA number.
- D. The resources associated with IDIQ for phase-in should be provided on form Annual Annex Resources Form (AARF) under the FFP lump sum area. A check box, "[] IDIQ (Annex 6 & 13)", has been added to the Form.

- E. The ACSF contained in CR.xls and the APSF contained in FFP.xls have been modified to remove the following line items: Labor Cost and Non-Labor Cost under the cost element entitled, "Major Subcontractors Cost:". A line item entitled "Total cost" was added in their place. This change relieves the prime offerors from having to request cost breakouts from their subcontractors other than cost and fee.
- F. The IDIQ Annex 13 "loaded rates – annex 13" cost form has been renamed to "development form – annex 13". It has also been modified to include a check box for subcontractors. This form is intended to be filled out by the prime offeror and each subcontractor proposed to provide IDIQ hours. The subcontractor's fully burdened rates must be provided to the primes to develop the "composite rates" that will go into the contract, Section B.
- G. An additional IDIQ Annex 13 cost form, entitled, "contract rates-annex 13," has been added . This form is intended to facilitate the development of the "composite rates" (prime and subcontractors rates combined). These rates should reconcile to the rates provided in Section B.
- H. The form entitled, "Prime and Subcontractor Percentage Breakout of Work" has been deleted in its entirety.
- I. The Compensation Form c cost instructions have been expanded to address the requirements by column.

V. Amendments to Section M:

Amends Section B to identify what aspects of past performance will be evaluated.

Replacement pages for Section M are provided as pages 45 through 48 of this modification. To further assist potential offerors, this amendment is posted with the Microsoft Word "Track Changes" feature on, to provide insight into the specific changes made to Section L.

SECTION L

INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFEROR

L.1 DATA UNIVERSAL NUMBERING SYSTEMS (DUNS) NUMBER (FAR 52.204-6) (JUNE 1999)

(a) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" followed by the DUNS number that identifies the offeror's name and address exactly as stated in the offer.

The DUNS number is a nine-digit number assigned by Dun and Bradstreet Information Services.

(b) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one. A DUNS number will be provided immediately by telephone at no charge to the offeror. For information on obtaining a DUNS number, the offeror, if located within the United States, should call Dun and Bradstreet at 1-800-333-0505. The offeror should be prepared to provide the following information:

- (1) Company name.
- (2) Company address.
- (3) Company telephone number.
- (4) Line of business.
- (5) Chief executive officer/key manager.
- (6) Date the company was started.
- (7) Number of people employed by the company.
- (8) Company affiliation.

(c) Offerors located outside the United States may obtain the location and phone number of the local Dun and Bradstreet Information Services office from the Internet home page at <http://www.customerservice@dnb.com>. If an offeror is unable to locate a local service center, it may send an e-mail to Dun and Bradstreet at globalinfo@mail.dnb.com.

(End of provision)

L.2 NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE USE (FAR 52.211-14) (SEP 1990)

Any contract awarded as a result of this solicitation will be a DO-rated order certified for national defense used under the Defense Priorities and Allocations System (DPAS)(15 CFR Part 700); and the Contractor will be required to follow all of the requirements of this regulation.

(End of provision)

**L.3 INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION (FAR 52.215-1)
(FEB 2000)(ALTERNATE I) (OCT 1997)**

(a) Definitions. As used in this provision--

"Discussions" are negotiations that occur after establishment of the competitive range that may, at the Contracting Officer's discretion, result in the offeror being allowed to revise its proposal.

"In writing" or "written" means any worded or numbered expression which can be read, reproduced, and later communicated, and includes electronically transmitted and stored information.

"Proposal modification" is a change made to a proposal before the solicitation's closing date and time, or made in response to an amendment, or made to correct a mistake at any time before award.

"Proposal revision" is a change to a proposal made after the solicitation closing date, at the request of or as allowed by a Contracting Officer as the result of negotiations.

"Time," if stated as a number of days, is calculated using calendar days, unless otherwise specified, and will include Saturdays, Sundays, and legal holidays. However, if the last day falls on a Saturday, Sunday, or legal holiday, then the period shall include the next working day.

(b) Amendments to solicitations. If this solicitation is amended, all terms and conditions that are not amended remain unchanged. Offerors shall acknowledge receipt of any amendment to this solicitation by the date and time specified in the amendment(s).

(c) Submission, modification, revision, and withdrawal of proposals. (1) Unless other methods (e.g., electronic commerce or facsimile) are permitted in the solicitation, proposals and modifications to proposals shall be submitted in paper media in sealed envelopes or packages (i) addressed to the office specified in the solicitation, and (ii) showing the time and date specified for receipt, the solicitation number, and the name and address of the offeror. Offerors using commercial carriers should ensure that the proposal is marked on the outermost wrapper with the information in paragraphs (c)(1)(i) and (c)(1)(ii) of this provision.

(2) The first page of the proposal must show--

(i) The solicitation number;

(ii) The name, address, and telephone and facsimile numbers of the offeror (and electronic address, if available);

(iii) A statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation and agreement to furnish any or all items upon which prices are offered at the price set opposite each item;

(iv) Names, titles, and telephone and facsimile numbers (and electronic addresses if available) of persons authorized to negotiate on the offeror's behalf with the Government in connection with this solicitation; and

(v) Name, title, and signature of person authorized to sign the proposal. Proposals signed by an agent shall be accompanied by evidence of that agent's authority, unless that evidence has been previously furnished to the issuing office.

(3) Submission, modification, revision, and withdrawal of proposals.

(i) Offerors are responsible for submitting proposals, and any modifications or revisions, so as to reach the Government office designated in the solicitation by the time specified in the solicitation. If no time is specified in the solicitation, the time for receipt is 4:30 p.m., local time, for the designated Government office on the date that proposal or revision is due.

(ii)(A) Any proposal, modification, or revision received at the Government office designated in the solicitation after the exact time specified for receipt of offers is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late offer would not unduly delay the acquisition; and--

(1) If it was transmitted through an electronic commerce method authorized by the solicitation, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of proposals; or

(2) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of offers and was under the Government's control prior to the time set for receipt of offers; or

(3) It is the only proposal received.

(B) However, a late modification of an otherwise successful proposal that makes its terms more favorable to the Government will be considered at any time it is received and may be accepted.

(iii) Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the proposal wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

(iv) If an emergency or unanticipated event interrupts normal Government processes so that proposals cannot be received at the office designated for receipt of proposals by the exact time specified in the solicitation, and urgent Government requirements preclude amendment of the solicitation, the time specified for receipt of proposals will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

(v) Proposals may be withdrawn by written notice received at any time before award. Oral proposals in response to oral solicitations may be withdrawn orally. If the solicitation authorizes facsimile proposals, proposals may be withdrawn via facsimile received at any time before award, subject to the conditions specified in the provision at 52.215-5, Facsimile Proposals. Proposals may be withdrawn in person by an offeror or an authorized representative, if the identity of the person requesting withdrawal is established and the person signs a receipt for the proposal before award.

(4) Unless otherwise specified in the solicitation, the offeror may propose to provide any item or combination of items.

(5) Offerors shall submit proposals in response to this solicitation in English, unless otherwise permitted by the solicitation, and in U.S. dollars, unless the provision at FAR 52.225-17, Evaluation of Foreign Currency Offers, is included in the solicitation.

(6) Offerors may submit modifications to their proposals at any time before the solicitation closing date and time, and may submit modifications in response to an amendment, or to correct a mistake at any time before award.

(7) Offerors may submit revised proposals only if requested or allowed by the Contracting Officer.

(8) Proposals may be withdrawn at any time before award. Withdrawals are effective upon receipt of notice by the Contracting Officer.

(d) Offer expiration date. Proposals in response to this solicitation will be valid for the number of days specified on the solicitation cover sheet (unless a different period is proposed by the offeror).

(e) Restriction on disclosure and use of data. Offerors that include in their proposals data that they do not want disclosed to the public for any purpose, or used by the Government except for evaluation purposes, shall--

(1) Mark the title page with the following legend:

This proposal includes data that shall not be disclosed outside the Government and shall not be duplicated, used, or disclosed--in whole or in part--for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this offeror as a result of--or in connection with--the submission of this data, the Government shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Government's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in sheets [insert numbers or other identification of sheets]; and

(2) Mark each sheet of data it wishes to restrict with the following legend:

Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal.

(f) Contract award. (1) The Government intends to award a contract or contracts resulting from this solicitation to the responsible offeror(s) whose proposal(s) represents the best value after evaluation in accordance with the factors and subfactors in the solicitation.

(2) The Government may reject any or all proposals if such action is in the Government's best interest.

(3) The Government may waive informalities and minor irregularities in proposals received.

(4) The Government intends to evaluate proposals and award a contract after conducting discussions with offerors whose proposals have been determined to be within the competitive range. If the Contracting Officer determines that the number of proposals that would otherwise be in the competitive range exceeds the number at which an efficient competition can be conducted, the Contracting Officer may limit the number of proposals in the competitive range to the greatest number that will permit an efficient competition among the most highly rated proposals. Therefore, the offerors initial proposal should contain the offeror's best terms from a price and technical standpoint.

(5) The Government reserves the right to make an award on any item for a quantity less than the quantity offered, at the unit cost or prices offered, unless the offeror specifies otherwise in the proposal.

(6) The Government reserves the right to make multiple awards if, after considering the additional administrative costs, it is in the Government's best interest to do so.

(7) Exchanges with offerors after receipt of a proposal do not constitute a rejection or counteroffer by the Government.

(8) The Government may determine that a proposal is unacceptable if the prices proposed are materially unbalanced between line items or subline items. Unbalanced pricing exists when, despite an acceptable total evaluated price, the price of one or more contract line items is significantly overstated or understated as indicated by the application of cost or price analysis techniques. A proposal may be rejected if the Contracting Officer determines that the lack of balance poses an unacceptable risk to the Government.

(9) If a cost realism analysis is performed, cost realism may be considered by the source selection authority in evaluating performance or schedule risk.

(10) A written award or acceptance of proposal mailed or otherwise furnished to the successful offeror within the time specified in the proposal shall result in a binding contract without further action by either party.

(11) The Government may disclose the following information in postaward debriefings to other offerors:

(i) The overall evaluated cost or price and technical rating of the successful offeror;

(ii) The overall ranking of all offerors, when any ranking was developed by the agency during source selection;

(iii) A summary of the rationale for award; and

(iv) For acquisitions of commercial items, the make and model of the item to be delivered by the successful offeror.

(End of provision)

L.4 REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA (FAR 52-215-20)(ALTERNATE IV) (OCT 1997)

(a) Submission of cost or pricing data is not required.

(b) Refer to Section L Part II for specific price proposal instructions.

(End of provision)

L.5 PREAWARD ON-SITE EQUAL OPPORTUNITY COMPLIANCE EVALUATION (FAR 52.222-24) (FEBRUARY 1999)

If a contract in the amount of \$10 million or more will result from this solicitation, the prospective Contractor and its known first-tier subcontractors with anticipated subcontracts of \$10 million or more shall be subject to a preaward compliance evaluation by the Office of Federal Contract Compliance Programs (OFCCP), unless, within the preceding 24 months, OFCCP has conducted an evaluation and found the prospective Contractor and subcontractors to be in compliance with Executive Order 11246.

(End of provision)

L.6 SERVICE OF PROTEST (FAR 52.233-2) (AUG 1996)

(a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the General Accounting Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from:

Hand-Carried Address:

Charles C. Bell
Building 416N

Mailing Address:

NASA Lyndon B. Johnson Space Center
Attn: SEB 416/Charles C. Bell
2101 NASA Road One
Houston, TX 77058

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

(End of provision)

L.7 PROPOSAL PAGE LIMITATIONS (NASA 1852.215-81) (FEB 1998)

(a) The following page limitations are established for each portion of the proposal submitted in response to this solicitation.

Proposal Section Volume	Proposal Section	Page Limit
I	Management	125
II	Technical	100
III	Past Performance	N/A
IV	Cost/Price	N/A
Total Volume I, and II		225

(b) A page is defined as one side of a sheet, 8 1/2" x 11", with at least one inch margins on all sides, using not smaller than 12 point type, Arial font. Foldouts count as an equivalent number of 8 1/2" x 11" pages. The metric standard format most closely approximating the described standard 8 1/2" x 11" size may also be used.

(c) ~~Title pages, tables of contents, RFP Form 1, RFP Form 2, letters of commitment, the Safety and Health Plan, and the completed Section K representations and certifications are excluded from the page counts specified in paragraph (a) of this provision. In addition, the Price section of your proposal is not page limited. However, this section is to be strictly limited to cost and price information. Information that can be construed as belonging in one of the other sections of the proposal will be so construed and counted against that section's page limitation.~~

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(d) If final revisions are requested, separate page limitations will be specified in the Government's request for that submission.

(e) Pages submitted in excess of the limitations specified in this provision will not be evaluated by the Government and will be returned to the offeror.

(End of provision)

L.8 SAFETY AND HEALTH PLAN (NASA 18-52.223-73) (MAY 2001)

The offeror shall submit a detailed safety and occupational health plan as part of its proposal (see NPG 8715.3, NASA Safety Manual, Appendix H). The plan must include a detailed discussion of the policies, procedures, and techniques that will be used to ensure the safety and occupational health of contractor employees and to ensure the safety of all working conditions throughout the performance of the contract. The plan must similarly address safety and occupational health for subcontractor employees for any proposed subcontract whose value is expected to exceed \$500,000, including commercial services and services provided in support of a commercial item. Also, when applicable, the plan must address the policies, procedures, and techniques that will be used to ensure the safety and occupational health of: (1) the public, (2) astronauts and pilots, (3) the NASA workforce (including contractor employees working on NASA contracts), and (4) high-value equipment and property. This plan, as approved by the Contracting Officer, will be included in any resulting contract.

(End of provision)

L.9 PROTESTS TO NASA (NASA 18-52.233-70) (MARCH 1997)

Potential bidders or offerors may submit a protest under 48 CFR part 33 (FAR Part 33) directly to the Contracting Officer. As an alternative to the Contracting Officer's consideration of a protest, a potential bidder or offeror may submit the protest to the Deputy Associate Administrator for Procurement, who will serve as or designate the official responsible for conducting an independent review. Protests requesting an independent review shall be addressed to Deputy Associate Administrator for Procurement, NASA Code H, Washington, DC 20546-0001.

(End of provision)

L.10 CONTRACT AWARD QUANTITIES (JSC 52.215-91) (JAN 2000)

Proposals for quantities less than specified in the solicitation will not be considered for award (Reference paragraph (c)(4) of solicitation provision 52.215-1 Instruction to Offerors—Competitive Acquisitions).

(End of clause)

L.11 COMMUNICATIONS REGARDING THIS SOLICITATION (JSC 52.215-105) (DEC 1999)

Any communications in reference to this solicitation shall cite the solicitation number and be directed to the following Government representative:

Name: Charles C. Bell
Phone: 281-483-1372
(collect calls not accepted)

Address: NASA Johnson Space Center
Attn: Charles C. Bell
Mail Code: SEB 416
2101 NASA Road 1
Houston, TX 77058-3696

QUESTIONS REGARDING THIS SOLICITATION MUST BE PRESENTED IN WRITING and should be submitted to the above address within 10 days of the Request for Proposal (RFP) issue date in order that answers may be obtained and disseminated in a timely manner, since it is not expected that a proposal submission date can be extended. Oral questions are not desirable due to the possibility of misunderstanding or misinterpretation. Questions shall not be directed to the technical activity personnel.

Note: Any written communications should include the mail code on the envelope to expedite processing.

(End of provision)

**L.12 SUBMISSION OF PROPOSALS BY COMMERCIAL CARRIER (JSC 52.215-108)
(SEP 1988)**

Offerors are advised that proposals sent to JSC by commercial carrier (e.g., Federal Express, Purolator, United Parcel Service) are NOT delivered directly to the place designated in the solicitation for submission of proposals. All parcels and packages delivered by commercial carriers are routed to the Transportation Branch in building 420 at JSC. If such a parcel contains on its visible, exterior surface the information required by the "Submission of Offers" provision of this solicitation (i.e., the time specified for receipt, the solicitation number, and the name and address of the offeror), it will be handled on an expedited basis by the Transportation Branch; however, depending on when it is received by the Transportation Branch, it MAY OR MAY NOT be received by the office designated for receipt of proposals by the required time. Transportation Branch personnel will NOT open the commercial carrier's package to determine its contents.

In view of the above, offerors who choose to submit proposals by a commercial carrier should, if they want to have reasonable assurance that their proposals will be timely received at the place designated in the solicitation, do the following:

(a) make sure that the carrier puts the information required by the "Submission of Offers" provision ON THE EXTERIOR OF THE ENVELOPE IN WHICH HE DELIVERS THE PARCEL, and

(b) get the proposal to the carrier in time for it to be delivered to the Transportation Branch at JSC ON THE DAY BEFORE THE SCHEDULED TIME DESIGNATED FOR RECEIPT OF PROPOSALS.

While taking the above steps should normally result in the timely receipt of proposals, offerors are reminded that proposals may be sent by U.S. Mail, and that clear and precise rules regarding the consideration of late submissions are set forth in the solicitation provision titled "LATE SUBMISSIONS, MODIFICATIONS, AND WITHDRAWALS OF PROPOSALS." Offerors are further reminded that it is their responsibility to get their proposals to the designated place on time. Proposals, which are sent by commercial carrier, are considered to be handcarried, and if they are received late at the place designated in the solicitation, they will only be considered if it is shown that the sole or paramount cause for the late receipt was some Government impropriety.

(End of provision)

L.13 OFFEROR ACCEPTANCE PERIOD

Proposals submitted in response to this solicitation shall remain firm for at least 180 days after the date specified for receipt thereof by the Government and shall contain a statement to this effect.

(End of provision)

SECTION L - PART II

INSTRUCTIONS FOR PROPOSAL PREPARATION

NOTE TO OFFERORS: For a better and more complete understanding of this part of Section L, you should also refer to Section M. The instructions in this part of Section L are directly related to the evaluation factors set forth in Section M.

1.0 INTRODUCTION

As detailed in the provision at L.7 entitled "PROPOSAL PAGE LIMITATIONS (NASA 1852.215-81)(FEB 1998)" proposals shall be submitted in four volumes.

Volume	Proposal Section
I	Management
II	Technical
III	Past Performance
IV	Cost/Price

It is NASA's intent, by providing the instructions set forth below, to solicit information that will demonstrate the offeror's competence to successfully complete the requirements specified in the Statement of Work (SOW), to determine its capability to successfully accomplish the effort defined therein, and to permit a competitive evaluation of its proposal. Generally, the proposal should:

- a. demonstrate understanding of the overall and specific requirements of the proposed contract;
- b. convey the company's capabilities for transforming understanding into accomplishment;
- c. present in detail, the plans and methods for so doing; and
- d. present, as requested below, the costs/prices associated with so doing.

In the event that other organizations are proposed as being involved in conducting this work, their relationships during the effort shall be explained and their proposed contributions to the work shall be identified and integrated into each part of the proposal, as appropriate.

2.0 GENERAL

Offerors shall provide twenty (20) copies of Volumes I and II, 15 copies of Volume III, and five (5) copies of Volume IV. In addition, offerors shall provide two (2) copies of their entire proposals electronically on CD ROM. As provided for in the provision at L.7, RFP Form 1, RFP Form 2, letters of commitment, the Safety and Health Plan, and the completed Section K representations and certifications as well as all cost/price data forms are excluded from the proposal page limitation.

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3.0 PERIOD COVERED BY PROCUREMENT

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This solicitation covers a period of 5 years. For contracting purposes, this total period will be broken down in increments as follows:

<u>Anticipated Calendar Time</u>	<u>Duration</u>	<u>Contractual Coverage</u>
1/31/02 - 3/31/02	60 Days	Phase In
4/1/02 - 3/31/04	2 Years	Base Period
4/1/04 - 3/31/05	1 Year	Firm Option
4/1/05 - 3/31/06	1 Year	Firm Option
4/1/06 - 3/31/07	1 Year	Firm Option

Offerors shall submit firm cost/price proposals for each of the 5 years of the procurement and phase in. More information on preparation of the cost/price proposals is contained later in Section L under instructions relating the cost/price factor.

The options identified above will be exercised only if the requirements of FAR 17.207(c) have first been met. The Government is not obligated to exercise any option if it determines for any reason that doing so is not in its best interest.

4.0 FACILITIES AND GOVERNMENT-PROVIDED PROPERTY AND SERVICES

4.1 Government-Provided Property and Services

Services and property to be furnished by the Government for use on the proposed contract are as set forth in Section G, JSC Alternate I to NASA Clause 18-52.245-77, LIST OF INSTALLATION PROVIDED PROPERTY AND SERVICES and NASA 1852.245-76 LIST OF GOVERNMENT-FURNISHED PROPERTY.

5.0 PROPOSAL CONTENT

Offerors are requested to provide information responsive to the items set forth below. This information is considered essential for the Government to conduct a fair and uniform evaluation of proposals in accordance with the evaluation factors and subfactors provided in Section M. The items listed are not, however, all-inclusive, and offerors should therefore include in their proposals any further discussion that they believe to be necessary or useful in demonstrating their ability to understand and perform the work under the contemplated contract.

5.1 VOLUME I – MANAGEMENT

A. Safety and Health Plan

A Safety and Health Plan, prepared in accordance with the requirements of DRD No. SA-1-1, is to be submitted with your proposal. The plan is to include a detailed discussion of the policies, procedures, and techniques that will be used to ensure the safety and health of your employees (and subcontractor employees, if a subcontracting arrangement is proposed) and to ensure the safety of all working conditions throughout the performance of the contractual effort.

B. NASA Plan for Small Business Subcontracting Goals

For purposes of FAR clause 52.219-9, the terms, "HUBZone Small Business Concern," Small Disadvantaged Business Concern," "Veteran-Owned Small Business Concern," and Women-Owned Small Business Concern" are defined in paragraph 2.101 of the Federal Acquisition Regulation.

The total subcontracting goal expressed, as a percent of total contract value, is 36 percent. The percentage goal, (36 percent), includes the following goals expressed as a percent of total contract value:

Small Disadvantaged Business Concerns,	_____ 17.0 percent;
Women-Owned Small Business Concerns,	_____ 6.0 percent;
HUBZone Small Business Concerns,	_____ 2.0 percent;
Veteran-Owned Small Business Concerns,	_____ 0.25 percent.

C. Management Approach

(1) Quality Control

Describe the quality control policies, standards, procedures, and techniques that you propose to use to ensure quality control through the contract. Describe your implementation plan to acquire your ISO 9001-2000 certification within one year. Fully explain your rationale for the approaches proposed. Provide a draft Quality Control Plan that addresses the requirements outlined in DRD No. AN-1-2, plus any other items you consider important.

(2) Environmental Compliance

Describe the policies, standards, procedures, and techniques you shall use to ensure compliance with all environmental contract requirements. Fully explain the rationale for the approaches proposed. Provide a draft Environmental Compliance Plan that addresses the requirements outlined in DRD No. AN-9-1, plus any other items you consider important.

(3) Phase-in (Transition)

A phase-in period is anticipated during which staffing buildup, training and gradual assumption of responsibilities will transpire during 60 days prior to contract start. Each offeror shall provide the information requested in the following paragraphs relative to the proposed phase-in plan.

a. Describe in detail the plan for effecting a smooth phase-in without compromising effective and efficient operations at JSC. Provide the management milestones, and all associated schedules that you believe are required from start of phase-in to the full assumption of contract responsibilities.

b. Describe in detail your plans for certifying and training your personnel for assuming operational responsibility, including key and critical personnel and functions.

c. Discuss in detail your specific plans for successfully completing each phase-in performance milestone described below in paragraphs i. through x.. For each milestone, offerors are requested to: (1) provide a detailed plan inclusive of personnel responsible, (2) provide all relevant interim and final schedule dates to be met, and (3) propose objective criteria that can be used to determine if the milestone has been achieved.

i. Milestone 1: The successful offeror has hired all personnel it proposed as key personnel and all of these personnel are onsite at JSC and performing work. This milestone shall be fully achieved no later than February 15, 2002.

ii. Milestone 2: The successful offeror is able to fully operate the Computerized Maintenance Management System inclusive of: (1) ability to receive work, (2) ability to appropriately dispatch appropriate personnel across a broad range of requirements, and (3) ability to track requests, schedule work, complete tasks, effectively control quality, and document completion. This milestone shall be fully achieved no later than March 15, 2002.

iii. Milestone 3: At least 90% of all personnel proposed to perform all contract requirements have provided written acceptance of firm job offers. This milestone shall be fully achieved no later than March 15, 2002.

iv. Milestone 4: The successful offeror has hired all critical personnel including staffing of operating engineers and other personnel to support Building 48 operations. This milestone shall be fully achieved no later than March 15, 2002.

v. Milestone 5: The successful offeror has subcontracts in place with NASA-approved hazardous waste transportation, treatment-storage-disposal, and recycling subcontractors and has comprehensive ability to manage all wastes. This milestone shall be fully achieved no later than March 31, 2002.

vi. Milestone 6: The successful offeror has identified an emergency spill response team that is properly trained and available. In addition, the successful offeror has all necessary spill response materials on site and in a trailer, including a vehicle to tow it, to any potential spill site. This milestone shall be fully achieved no later than March 31, 2002.

vii. Milestone 7: The successful offeror has implemented an appropriate system to account for all Government furnished property. Furthermore, the successful offeror is prepared to perform an inventory of that property and is prepared to sign for accountability of the property upon completion of the inventory. This milestone shall be accomplished no later than March 31, 2002.

viii. Milestone 8: The successful offeror has completed JSC's clearance and badging as well as training requirements for all personnel necessary to perform the full scope of contract requirements. This milestone shall be fully achieved no later than March 31, 2002.

ix. Milestone 9: the successful offeror has implemented an accounting system fully capable of accurately accounting for actual completion of tasks at the workload unit level for each CLIN identified in the contract as necessary to

submit proper invoices and workload metrics. This milestone shall fully achieved no later than March 31, 2002.

x. Milestone 10: The successful offeror has successfully completed all negotiations with any unions representing workers to be used in performance of this contract and has provided the Government with signed copies of all collective bargaining agreements (CBA's). This milestone shall be fully achieved no later than March 31, 2002.

(4) Labor Relations Plan

The offeror shall complete compensation forms (a), (b), (c), and (d) as described in the instructions for preparation of the Cost/Price volume (for contract year 1 only). In addition, the offeror shall submit a complete discussion of the following:

a. Describe your company history during the past 3 years in working with organized labor. Provide the names of the unions that you have negotiated with, the location of the worksite, how many employees are represented, and the average number of grievances per year that your company receives.

b. Describe the experience of the proposed person responsible for working labor relations issues within your company; including: (1) the person's experience in negotiating CBA's and resolving grievances;(2) where will that person be located onsite at JSC; and (3) describe how day-to-day issues will be handled.

c. Describe your company plan with respect to the use of organized labor on this contract. Describe your plan for recognizing the existing CBA's, negotiating new agreements, or complying with the economic terms only and not recognizing the union.

d. Describe how your proposal is in compliance with all existing wage determinations.

e. Describe the methods your company plans to use to promote and maintain harmonious labor relations during the transition phase and during contract performance.

(5) Organizational Approach

a. Describe the proposed organizational structure, including a chart depicting the proposed organization, and provide the rationale for its application to the contract requirements. Discuss the status of formal arrangements with any proposed subcontractors, team members, or joint venture partners.

b. Describe the communication channels, lines of authority (including the line of succession if Project Manager is unavailable), reporting relationships, and responsibilities of all organizational elements. Include in this discussion any proposed subcontractors, team members, or joint venture partners proposed, to illustrate their relationships within the proposed structure or between the organizational elements and any other proposed subcontractors, team members, or joint venture partners. Describe the reporting responsibilities of the Project Manager to corporate management and the relationship

between the Project Manager and the prime offeror's corporate management as well as the management of any proposed subcontractors, team members, or joint venture partners.

c. Describe the organizational elements within the overall organization considered most critical to satisfactory accomplishment of all performance requirements and provide rationale as to why these are judged most critical within the framework of the overall organization. Provide supporting rationale that demonstrates the proposed organizational approach will ensure success in each of the critical areas identified.

d. Describe the management policies, procedures, and techniques the prime offeror and any proposed subcontractors, team members, or joint venture partners will use to create a single face to the Government (e.g., once a task is assigned to the Center Operations Support Services (COSS) prime offeror, the prime offeror coordinates the work through different functional areas, including any proposed subcontractors, team members, or joint venture partners without Government involvement). Describe how the management policies, procedures, and techniques proposed will be monitored to ensure their effectiveness.

e. Describe any corporate monitoring, oversight, or assistance (e.g., semi-annual reviews of the COSS quality or safety program by the corporate Quality or Safety Offices) you propose to use to compliment performance by the COSS contractor staff. Describe the level at which you intend to implement corporate monitoring, oversight, or assistance (e.g., at the prime contractor level only or inclusive of any proposed subcontractors, team members, or joint venture partners). Describe how implementation will be accomplished.

(6) Key Personnel & Staffing

a. Complete RFP Form 3 for each person proposed to perform the functions of Project Management and for each person directly responsible for managing each Annex of the SOW. The personnel performing these functions are considered key personnel in accordance with the NASA FAR Supplement clause at 1852.235-71.

b. Describe the recruitment and employment methods and policies your company will use to staff your organization. This description should address initial staffing requirements as well as those for the duration of the contract. Provide your rationale for selecting the proposed staffing methods and policies. Include a table of personnel sources, noting the percentage of the total workforce you intend to recruit from the following sources:

- i. Offeror's own resources
- ii. Other divisions of the company
- iii. Incumbent contractors' workforce
- iv. Outside recruitment

c. Describe the initial steps that have been taken regarding recruitment. Submit appropriate substantiating documentation, including letters of commitment to support the offeror's ability to provide those skills defined in Annex 4, personnel requirements including Building 48 operators and operating engineers, as well as the offeror's ability to support activities related to the Center's high voltage electrical system.

d. Describe your training program for new hires. Describe how, once on the job, employee training will be accomplished and monitored. Describe the minimum qualification standards you will use to determine if an employee is suitable for hire or promotion into a key position.

e. Describe your plan to maintain an experienced workforce while adapting to significant workload fluctuations during periods of increasing or decreasing requirements.

f. Describe effective techniques that will be used to minimize turnover and retain experienced personnel.

g. Describe how you will ensure the availability of personnel for special or emergency tasks during standard and non-standard working hours (e.g. weekends, holidays, and evenings). Describe how you will obtain technical expertise beyond the capabilities of your local JSC organization to resolve critical technical requirements or unique problems.

h. Describe the minimum qualification standards (training, certifications, type and length of experience, etc.) you will use to replace key or critical personnel, if required, during the term of the contract. Provide this information for each key or critical position. Describe how key or critical personnel will be monitored to ensure that they satisfy the minimum qualification standards and how you will determine if the minimum standards are stringent enough. Describe what, if any, policies you proposed to implement to improve the key or critical personnel or the minimum qualification standards over the life of the contract.

5.2 VOLUME II – TECHNICAL PERFORMANCE

A. Understanding of Requirements (General)

(1) Describe the process you will use to monitor, accurately identify, and control risks. Identify those areas of risk you believe should be addressed relative to performance of work under this contract and your plans to mitigate or accept each risk.

(2) Describe how you will ensure the complete success of each special event sponsored by JSC's Center Director (Reference Annex 3.2.3). Describe the oversight, coordination, skills, staffing levels, and physical resources you shall put into place to support real-time, short lead-time requirements before and throughout these events.

(3) Describe the innovative techniques you plan to employ to maximize operational efficiencies and reduce Government inventories at JSC without compromising timely availability of items when required (e.g., JSC currently uses a Just-in-Time (JIT) program for office supplies through a General Services Administration schedule vendor). Provide an explanation of all the specific technologies and/or processes that you will implement. Describe how you will efficiently maintain inventories for critical spare items currently in stock.

(4) Describe the method(s) you will use to provide real-time engineering support in the field to assist craftspeople and superintendents with issues as they occur in various site locations (e.g., operations, maintenance, and repair problems). Describe

the engineering resources, capabilities, and tools that you will provide in the field. Describe the process by which the craftspeople and superintendents shall use to call upon this engineering support. Demonstrate that the available resources and proposed process will ensure a timely and adequate engineering solution to support contract requirements. Fully describe the interrelationship between this engineering support and the engineering support provided in Annex 5.

(5) Describe how you will perform work with other contractors to ensure an integrated, fully-operational Energy Control Management System is available at all times. Describe the personnel assigned to ensure coordination occurs, the processes that you will use, the lines of communications that you will establish between the prime offeror, proposed subcontractor, any proposed team members, and the Government. Explain how the effectiveness of this coordination will be evaluated.

(6) Describe how the highly critical Building 30/48 Mission Control Center complex shall be operated including all delegations of authority, to support contract requirements. Describe your staffing and training plan to adequately maintain an experienced work force to support up to 10 Space Shuttle Flights per year and training simulations throughout the year (e.g., adequate number of properly trained operating engineers are available for each flight).

Describe your process for integrating and coordinating with the Mission Operations Directorate (MOD), the organization responsible for mission control, to ensure maintenance and operation of these facilities does not interfere with MOD's mission.

Describe your process for documenting and correctly updating the facility as-built drawings when maintenance or repairs cause a change in a facility (e.g. Building 30/48).

(7) Describe how Work Control, identified in CLIN 1.2, will be structured and accomplished, including all delegations of authority, to meet the contract requirements specified. Describe your process for receiving, scheduling, tracking, completing, and closing out work. Describe how delayed work will be tracked, rescheduled, and completed. Describe the mechanism you will use to match the correctly trained and skilled manpower to the work requirement. Describe how work control's effectiveness will be monitored, measured, and controlled.

Describe the process that you will use to provide a single work order number for all requested work and a cradle-to-grave audit trail regardless of the project/task phasing (number of Annexes that support the work) or the number and kinds of crafts assigned to complete the work.

Describe the process you will use to handle requests for task plans under Annex 13 for maintenance or repair of user or non-specified equipment. Describe how you will respond to emergency requests for problem mitigation or repair to user or non specified equipment.

B. Understanding of Requirements (Annex Level)

By Annex, and for the major functional areas within each Annex, describe each of the items requested below in specific and concise terms using techniques such as logic and flow diagrams, charts, or matrices. As applicable for each item requested below, describe the basic set-up, sequential flows with typical timelines, the degree of automation planned, interfaces internal and external to the COSS contract, and how each will be monitored to assure it's working properly.

(1) Describe how you will meet contract requirements in each Annex including how work will be:

- a. Received
- b. Reviewed
- c. Prioritized
- d. Scheduled
- e. Tracked
- f. Performed

(2) Describe:

- a. How your Quality Control program will effectively monitor products and services to ensure that they meet contract requirements.
- b. The specific metrics that you will use in each Annex (including those for the high visibility areas)
- c. The performance each metric will be designed to measure.
- d. For each metric, give the value(s) that will trigger actions to fix the problem with the deliverables.
- e. Description of the actions that will occur if that trigger is reached.
- f. Specific methods that the offeror will use to monitor, identify, and control risks such as occupational safety, damage to property, and contamination of property resulting from or occurring while performing facilities-related work.

(3) Identify and describe:

- a. Where you will use effort from one Annex to support the accomplishment of requirements in other Annexes.
- b. The impact of the interrelationship. (e.g., maintenance reviews of Annex 5 designs to ensure equipment maintainability to support Annex 2 work.).
- c. Any information generated within an Annex that is essential or useful in the effective performance of contract requirements in other Annexes.
- d. How the quality of this information shall be monitored and maintained.
- e. How information shall be disseminated to each applicable Annex.
- f. The controls (including lines of authority) that will be used to ensure control and disseminate information from one Annex to another.
- g. The requirements for which estimating procedures will be required to process work.

(4) During handoff of products from one Annex to another, if the product is returned to the previous Annex for rework, describe how work will be:

- a. Tracked

- b. Scheduled
- c. Reprioritized

C. RFP Issues

(1) Describe how you shall implement customer support and how you plan to develop and maintain customer relationships. Describe the techniques, processes, or tools you will use to measure the effectiveness of your customer support and if customer expectations are being met.

Describe how you will provide effective customer service across the entire contract. Specifically, discuss how customer service will be handled when it involves direct COSS contractor interaction with JSC customers both within and outside of the Center Operations Directorate (COD), the organization managing this contract. Describe the steps that you will take to ensure that customer interactions are positive (e.g., meeting contract requirements in a friendly, professional manner). Describe the steps that you will take, if any, to continuously improve customer service. Describe procedures, techniques, or methods that you will use to monitor, identify, and promptly correct customer service problems.

(2) Describe your method for disseminating real-time, accurate, and current information to numerous site customers requesting work from you as the COSS contractor. The information to be addressed includes, but is not limited to, such data as work order number, COSS point of contact, scheduled completion data, and work status (open, in process, or closed). Describe the techniques, technologies, methodologies, and systems that you shall use to satisfy this requirement. Describe the specific information you will provide, how frequently it will be provided, how it will be acquired, updated, checked for accuracy, and distributed as well as identify the people to whom the information will be provided. Identify the method(s) and system(s) that you will use to create your metrics.

(3) Each Offeror is requested to propose effective and efficient tools, systems, or capabilities it offers to provide in order to enhance its ability to perform contract requirements. For any tool proposed, the offeror shall fully describe the tool, identify the contract requirements that will benefit from its use, and explain how it can improve performance. For any system proposed, the offeror shall fully describe the system, identify any existing system(s) it is intended to replace, describe how any existing system(s) would be transitioned to the new system, identify the contract requirements that will benefit from using the new system, and describe how the system can improve performance. For any capability proposed, the offeror shall fully describe the capability, demonstrate possession of the capability, identify the contract requirements that will benefit from the proposed capability, and describe how the capability can improve performance.

5.3 VOLUME III - PAST PERFORMANCE

The Source Evaluation Board will contact organizations for which your company has previously performed work in order to obtain appraisals of your company's performance. In order to facilitate these checks, when completing the forms identified below, supply the name, address, and telephone numbers of customers' technical managers and contracting officials most familiar with the contract for which the data is being provided. Offerors should ensure that phone numbers and times of availability provided for references are current and correct.

A. Past Performance Data

Complete RFP Form 1 to identify up to 10 contracts (completed and ongoing) over \$1 million in total value that the prime contractor or any proposed joint venture partner(s) has had within the past three years that best shows your ability to perform the COSS contract work. Additionally, each proposed subcontractor / team member expected to perform COSS services over \$1 million total, shall complete Form 1 to identify up to 10 contracts (completed and ongoing) held by those legal entities during the past three years that best shows their ability to perform COSS work. Identify those contracts that are held by the same legal entity (e.g. company / division, or subsidiary), if applicable, that will perform under the proposed contract.

B. RESERVED

C. Safety and Environmental Performance

Offerors as well as any proposed joint venture partner(s) shall provide a statement of its past safety performance on contracts identified in A above. A statement shall be submitted regarding any OSHA citations of your company's operations during the past five (5) years. For those contracts cited in A above, records of your company's OSHA recordable injuries and illnesses are also to be included. The records will typically include, for each worksite, as a minimum, one copy of each year's OSHA logs for these past five (5) years as required by Title 29 of the Code of Federal Regulations, Section 1904.5(d) including the number of employees at the worksite and the calculated OSHA recordable frequency rate; and the Standard Industrial Classification Code utilized. At its option, offerors may submit a Consolidated Form 200 for all facilities or copies of the OSHA Form 200 for each facility during the requested period. If you propose a joint venture, team member, or prime/subcontractor relationship with multiple legal entities, the same information shall be provided for all legal entities identified in the proposal.

Offerors shall provide a statement of their past environmental performance. A statement shall be provided regarding any environmental related citation of your company's operations in the past five years. Citations may have come from federal, state, and local environmental agencies. If you propose a joint venture, team member, or prime/subcontractor relationship with multiple legal entities, the same information shall be provided for all legal entities identified in the proposal.

In addition to the above, a list of all safety and health insurance carriers that have underwritten the offeror's worker's compensation program or equivalent for the last five (5) years shall be provided. This list of insurance carriers shall include a point of contact and phone number to aid proposal evaluators in verifying the offeror's statements of its past safety and health performance. Please authorize these carriers to respond to questions by the Government. In addition, the worker's compensation experience modifier, including the respective state's formulas utilized for the computation shall be included; along with the loss ratio for the past five (5) years (where the loss ratio is defined as the ratio of losses to insurance premium). All figures used for computation shall be shown. Information on the liability and lawsuit history related to safety and health performance shall also be provided. Data shall be provided in the form of a certification letter from the insurance carrier. In the event that the company is self insured, the same information shall be provided and certified with the signature of a responsible company official. If you propose a joint venture, team member, or

prime/subcontractor relationship with multiple legal entities, the same information shall be provided for all legal entities identified in the proposal.

D. Quality System Experience

Each offeror is requested to provide copies of ISO certifications it has received elsewhere in the past three (3) years. If you propose a joint venture, team member, or prime/subcontractor relationship with multiple legal entities, the same information shall be provided for all legal entities identified in the proposal.

E. Historical Financial Performance and Condition

Demonstrate past financial performance in a discussion that reconciles to data reported in financial statements. This information is required of the prime offeror only; unless, a teaming arrangement is proposed. If a teaming arrangement is proposed, submit the required data for all team members. Include, as a minimum, the following information:

- a. Complete name and location of the division or entity proposing the effort.
- b. Complete name and location of the parent corporation, if applicable.
- c. Recent history of earnings (last 3 years) of the division or entity involved in the procurement. Include a hard copy of current financial statements.
- d. A general statement of the financial strength of the company and of its resources capability to finance the start-up funds (e.g., initial capital expenditures and increases in accounts receivable) and to perform the contract, covering such items as:
 1. The most recent balance sheet, plus the balance sheet as of the end of the prior accounting period.
 2. The firm's credit line or source of funds.
 3. Statement as to whether or not the company entity proposing this effort is guarantor on any note(s).
 4. Current commitments to other contracts.
 5. Company's ability to support short notice backup for critical skills, material acquisition, and other "home office" support services that may be required under this contract.

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5.4 VOLUME IV – Cost/Price Proposal

A. General Cost/Price Instructions

This procurement will require the submittal of one cost/price proposal for the following areas: cost reimbursement, firm fixed price lump sum, ID/IQ, and labor relations. The cost/price proposal should be divided into these four sections and properly identified.

You are required to submit a set of ID/IQ rates that will be used for fixed priced delivery orders (Annex 6). You will also be required to submit another set of rates for the cost reimbursement task orders (Annex 13). You are to propose a Not-To-Exceed award fee rate for cost reimbursement task orders.

You are required to submit all the required cost forms to support the cost reimbursement portion. The cost forms are described in detail in this section.

The cost proposal shall encompass all cost/price elements associated with the requirements of the contemplated contract and shall comply with applicable Federal Acquisition Regulation (FAR), NASA FAR Supplement (NFS), and governing statutory requirements, including Public Law 87-653, Truth in Negotiations Act, and Public Law 100-679, Cost Accounting Standards.

To ensure that the Government is able to perform a fair assessment of the proposed cost/price, each offeror is required to submit the information requested in this volume. A cost realism analysis will be performed to assess whether the costs are realistic for the work to be performed and to assess whether the requirements are fully understood. It will also be used to assess whether the offeror will be able to satisfactorily perform as well as assess the financial responsibility of the offeror. Unrealistic estimates proposed by the offeror shall be presented to the Source Selecting Authority (SSA) who will consider the potential contractor's financial and performance impacts in performance of the SOW. Each cost proposal shall be suitable for evaluation and include supporting information cross-referenced to allow traceability/reconciliation to the technical/management proposal(s).

Each offeror is required to enter all unit rates, prices or cost estimates necessary to complete the cost/price schedules contained in Section B of the RFP. The schedule at Section B, B.8 contains fixed prices for services can be acquired by delivery orders. The schedule at Section B, B.10 contains fixed bare labor rates that can be used when pricing delivery orders in accordance with Annex 6 of the SOW. Similarly for cost reimbursable ID/IQ requirements, the schedule at Section B, B.9 contains pre-established cost estimates for commonly needed services that can be acquired by task orders. Also, the schedule at Section B, B.11 contains pre-established loaded labor rates that will be used when establishing task order cost estimates under Annex 13 of the SOW. These unit rates will be used for cost reimbursement ID/IQ task orders. Finally the schedule at Section B, B.12 contains pricing coefficients to be used in pricing ID/IQ work. The coefficients for Means cost data and the coefficients for non-prepriced work are only used to price fixed price delivery orders. The coefficient factor for materials and equipment rental and the coefficient factor for subcontracted work will be used to price both fixed price delivery orders and cost reimbursement task orders. Therefore, it is important that you are realistic in developing your rates and coefficients.

Note: These instructions apply to the offeror proposed as prime and all proposed major subcontractors with an annual estimated value that exceeds \$ 1 Million.

All pricing and estimating techniques shall be clearly explained in detail (projections, rates, ratios, percentages, coefficient factors, etc.) and shall support the proposed prices in such a manner that audit, computation, and verification can be accomplished. Also, any experience factors (unit prices, hours, quantities, etc.) and judgmental projections shall be explained. All past actuals shall show the periods of time and prices or costs in detail when used as a basis for estimating the proposed prices. The offeror shall discuss the rationale for any escalation proposed for each price element. The offeror shall also include the company's escalation history for each price element for the past 3 years.

Note: FAR Clause 52.222-43 Fair Labor Standards Act (FLSA) and Service Contract Act (SCA)—Price Adjustment (Multiple Year and Option Contracts). Direct labor covered by this clause (i.e. non-exempt labor used to price work performed under Annex 6, 7, and 14) shall not be escalated. This clause prohibits offerors from including contingent pricing in its proposal to address anticipated future labor cost increases related to the fixed price. However, the clause does allow for future equitable adjustment in contract price for any actual adjustments to minimum wages required by the Government for those categories of direct labor covered by the clause.

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Phase-in:

Include the estimated price associated with Phase-in on the B.7 Schedule of Prices forms. Include all phase-in prices on the FFP lump sum forms only. The price included on the FFP lump sum form should reconcile to the total of milestones one through ten for phase-in on B7. These prices shall be what you will charge the Government for these services.

The resources required to accomplish the phase-in work at the Annex level should be provided on the "Annual Annex Resources Form (AARF)". For the FFP lump sum and all IDIQ (annex 6 & 13) work provide the resources on the AARF under the FFP lump sum portion. For the non-IDIQ Cost Reimbursement (CR) work, provide the resources on the AARF under the CR portion. A check box, "[] IDIQ phase-in (Annex 6 & 13)", has been added to account for the all resources associated with Phase-in. When checking this box, the only column required to be filled out is phase-in. You should include all resources anticipated in performing the phase-in on the resources forms even if you will not charge the Government for the total amount. For example, if you anticipate that it will take XYZ resources to accomplish Annex 1, then include that amount on the appropriate AARF; even if you only plan to charge the Government a fraction of the actual cost incurred.

HARDCOPY AND COMPUTERIZED PRICE PROPOSAL INPUT:

The Government intends to use an IBM-compatible personal computer with Microsoft Excel to aid in the evaluation of the cost proposal. In addition to providing hardcopies of all forms described below, each offeror and subcontractor is required to submit electronic pricing data including formulas on CD-ROM. The submission of pricing data on CD-ROM is required to be compliant with the RFP instructions. The workbook file identifies tab names that correspond to each specific form identified in the RFP. The offeror is required to complete each of these forms with the same data that is supplied on the hard copy forms.

The file names and location of forms are located in the following table:

Form Name	Form Location (file name / tab)
Cost Reimbursement Forms:	
Annual Annex Summary Form (AASF)	CR.xls / AASF
Annex Cost Summary Form (ACSF)	CR.xls / ACSF
Annual Annex Resources Form (AARF)	CR.xls / AARF
Rates Form	CR.xls / RATES
FFP Lump Sum Forms:	
FFP Lump Sum: Annual Annex Summary Form (AAPSF)	FFP.xls / AASF
FFP Lump Sum: Annex Price Summary Form (APSF)	FFP.xls / APSF
FFP Lump Sum: Annual Annex Resources Form (AARF)	FFP.xls / AARF
FFP Lump Sum: Rate Form	FFP.xls / RATES

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IDIQ Forms:	
ID/IQ Development Form--Annex 13	IDIQ.xls / development form – annex 13
ID/IQ Contract Rates -- Annex 13	IDIQ.xls / contract rates-annex 13
ID/IQ Bare Labor Cost (Annex 6)	IDIQ.xls / bare labor-annex6
Coefficient Factor - Means Cost Data Normal Work Hours	IDIQ.xls / means core
Coefficient Factor – Means Cost Data Other Than Normal Work Hours	IDIQ.xls / means non-core
Coefficient Factor – Non-Prepriced Work Normal Work Hours	IDIQ.xls / nonprepriced core
Coefficient Factor – Non-Prepriced Work Other Than Normal Work Hours	IDIQ.xls / nonprepriced non-core
Coefficient Factor – Subcontracted Work	IDIQ.xls / subcontracted work
Coefficient Factor – Materials and Equipment Rental	IDIQ.xls / matl & equip
Prime and Subcontractor Estimated Percentage Breakout of Work	IDIQ.xls / prime & sub
Labor Relations Forms:	
Salaries and Wages Non-Exempt	Comp forms.xls / Form a
Salaries and Wages Exempt	Comp forms.xls / Form b
Fringe Benefits Analysis of Compensation Package	Comp forms.xls / Form c
Personnel and Fringe Benefits Policies	Comp forms.xls / Form d

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Also include as forms in the cost proposal (1) all forms required in Section B and (2) the schedule of workload adjustment values contained in Section J, Attachment G. These forms should also be submitted in hardcopy as well as electronically.

Offerors shall not adjust the spreadsheet file formats, except as required for formatting such as column widths, row heights and adding columns and rows to accommodate data. The location and contents of individual cells must not be adjusted.

Each CD-ROM shall have an external label affixed indicating:

- (1) The name of the prime offeror
- (2) The name of the proposed subcontractor, if applicable
- (3) The RFP number.
- (4) An indication of the files or range of files contained on the disk.

B. Cost instructions for preparation of Cost Reimbursement Portion

This section affects Annexes: 1, 2, 3, 4, 5, 8, 9, 10, 11, and 12. The offeror is required to complete the four forms provided for the non ID/IQ cost reimbursement portion of the SOW. These forms are described below and consist of the following: Annual Annex Summary Form (AASF), Annex Cost Summary Form (ACSF), Annual Annex Resources Form

(AARF), and the Rates Form. Ensure that these forms reconcile with each other, where appropriate. Also, provide a description of your proposed fee structure. Also, to facilitate potential future contract administration as contemplated in the clause at H.10 entitled "Contract Adjustment for Completion Form," each offeror shall enter its estimated workload unit values (estimated cost, excluding fee) in Section J, Attachment G.

(1) Annual Annex Summary Form (AASF)

The AASF is required only of the offeror proposed as prime; however, requires the offeror proposed as prime to consolidate all cost and fee by Annex. Therefore, the offeror proposed as prime is responsible for integrating all required pricing information (prime and all proposed subcontractor(s)) into this form. Proposed subcontractors' fee should be shown as fee on this form. Therefore, all proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. A reference column has been provided on the templates for the offeror to use to identify the supporting narrative data for each cost element. The detailed data (narrative and schedules) should be clearly displayed so that the Government may understand the cost development and computations.

(2) Annex Cost Summary Form (ACSF)

A separate ACSF is required from the offeror proposed as prime and each proposed major subcontractor. This form should include cost summary level information for all cost reimbursement Annexes: Annex 1, 2, 3, 4, 5, 8, 9, 10, 11, and 12. It requires cost estimates by cost elements: Labor Hours (offeror proposed as prime vs. sub), Labor Cost (straight vs. overtime), Subcontractor cost (cost vs. fee), Other Direct Costs (materials, equipment, etc.), Overhead cost, G&A cost, Facilities Capital Cost of Money (FCCOM), and Fee by contract year. A reference column has been provided on the templates for the offeror to use to identify the supporting narrative data for each cost element. The detailed data (narrative and schedules) should be clearly displayed so that the Government may understand the cost development and computations. A detail narrative basis of estimate shall be provided for all proposed price elements; including estimating methodology, references, company history, etc.

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The major subcontractors should fill this form out as a prime and check the box "I Subcontractor". For example, do not include all cost under just the two cost areas for subcontractors. Instead provide your cost broken out by all cost elements (hours, labor, overhead, G&A, etc.) provided on the form. All cost forms that are considered to have proprietary data on it may be submitted to the Government via the prime offeror in a sealed envelope. However, ensure that the prime is at least provided the necessary data to fill out their forms such as cost and fee broken out.

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(3) Annual Annex Resources Form (AARF)

The AARF is required only from the offeror proposed as prime; however, it requires the offeror proposed as prime to consolidate all resources data (hours and ODC) by Annex. Therefore, the offeror proposed as prime is responsible for integrating all required data (prime and all proposed subcontractor(s)) into this form. All proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. This form should reconcile to the ACSF.

The offeror shall complete the AARF to show the total resources (hours and other direct costs) by year at the Annex level. Provide a separate form for each Annex identified on the form. A check box has been added, "[] IDIQ Phase-in (Annex 6&13)", to account for the resources associated with phase-in. When checking this box, only the phase-in column is required to be filled out. The following provides a brief explanation of the cost elements included on the form:

a. **Labor Hours:** The offeror shall provide a complete schedule of all proposed labor in sufficient detail to allow for the analysis of labor requirements time-phased and identified by labor categories listed on Schedule B. The information provided on this form must be at the Annex level. Do not provide this information by task level. Provide a separate detailed narrative explaining the reason for proposing the skills and hours for each Annex.

b. **ODC:** The offeror shall provide an estimated cost for ODC that shall include, but not be limited to, materials and minor subcontracts. ODC shall be time-phased and identified by cost element over the estimated term of the contract. The rationale shall support the quantity of ODC (e.g., materials, equipment and other).

The following supplemental price element data, where appropriate, shall also be submitted:

i. **Purchased Parts & Raw Materials -** For major items, provide a description of the manufacturer's part number, quantity, unit cost, total costs, anticipated source (manufacturer), and basis of estimate (e.g., vendor quote, prior buy, engineering estimate).

ii. **Minor Subcontracted Items -** Provide a separate cost breakdown for each minor subcontract.

iii. **Interdivisional Transfers (between plants and divisions) -** Provide a separate breakdown of costs.

Note 1: The basis of estimate (BOE) narrative can address the estimate down to the task level if necessary. For Example, your estimate for Annex 1 may be XYZ hours and it is comprised of "123" hours for 1.3.1 and "456" hours for 1.4.1 and so forth. Your BOE narrative explanation may address the significant task that comprises the total Annex. It is important that sufficient information is provided to assure the Government that you understand the requirements and proposed adequate and sufficient resources to satisfy the requirements. A cost realism analysis will be performed; therefore, it is important to propose realistic estimates.

Note 2: The supporting rationale associated with all proposed resources shall be submitted as a word document and shall be adequately cross-referenced to facilitate a comprehensive evaluation. It is important that in this word document, you provide adequate support (cost estimating relationships, historical experience, parametric estimates, etc.) for all proposed estimates.

(4) Rates Form

This form is required of the offeror proposed as prime and each major subcontractor. This form shall provide the Government annual labor and indirect rates. The offeror shall include all labor categories proposed on the AARF. The rates included on this form for direct labor shall be straight time rates. The column entitled "source" is intended for you to include the source data such as department of labor wage determination number or collective bargaining agreement number.

Included on the form are the indirect rates information required. Offerors shall provide a written explanation for each rate proposed. For example: "the material handling rate of XYZ% is based on the latest budgetary data audited by XYZ for calendar year 01."

C. Cost instructions for preparation of Firm Fixed Price (FFP) Lump Sum Portion

This section affects Annexes: 7 and 14. These Annexes are firm fixed priced; therefore, prices must be realistic. The offeror will have to perform the requirements under these Annexes at the proposed prices. The offeror is required to complete the four forms provided. These forms are described below and consist of the following: FFP Lump Sum: Annual Annex Summary Form (AASF), FFP Lump Sum: Annex Price Summary Form (APSF), FFP Lump Sum: Annual Annex Resources Form (AARF), and the FFP Lump Sum: Rates Form. Ensure that these forms reconcile with each other, where appropriate. In addition, each offeror shall enter its fixed prices, including one for each phase-in milestone, into Section B. Each offeror shall ensure that the phase-in milestones are appropriately priced to constitute full payment for all phase-in services.

(1) FFP Lump Sum: Annual Annex Summary Form (AASF)

The AASF is required only of the offeror proposed as prime; however, it does require the offeror proposed as prime to consolidate all cost, profit and prices by Annex. Therefore, the offeror proposed as prime is responsible for integrating all required pricing information (prime and all proposed subcontractor(s)) into this form. Any proposed subcontractors' profit should be shown as profit on this form. Therefore, all proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. A reference column has been provided on the templates for the offeror to use to identify the supporting narrative data for each line item. The detailed data (narrative and schedules) should be clearly displayed so that the Government may understand the price development and computations.

(2) FFP Lump Sum: Annex Price Summary Form (APSF)

A separate APSF is required from the offeror proposed as prime and each proposed major subcontractor. This form should include price summary level information for FFP annexes 7 & 14. It requires estimates by the following line items: Labor Hours (offeror proposed as prime vs. sub), Labor Cost (straight vs. overtime), Subcontractor cost (~~cost~~ vs. ~~fee~~), Other Direct Costs (materials, equipment, etc.), Overhead cost, G&A cost, Facilities Capital Cost of Money (FCCOM), and Profit by contract year. Phase-in costs associated with the FFP Annexes must be provided on this form. Phase-in costs must reconcile with the milestone payments in Section B. A reference column has been provided on the templates for the offeror to use to identify the supporting narrative data for each line item. The detailed data (narrative and schedules) should be clearly displayed so that the Government may understand the price development and computations. A detail narrative basis of estimate shall be provided for all proposed line items; including estimating methodology, references, company history, etc.

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The major subcontractors should fill this form out as a prime and check the box "[] Subcontractor". For example, do not include all cost under just the two cost areas for subcontractors. Instead provide your cost broken out by all cost elements (hours, labor, overhead, G&A, etc.) provided on the form. All price forms that are considered to have proprietary data on it may be submitted to the Government via the prime offeror in a sealed

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envelope. However, ensure that the prime is at least provided the necessary data to fill out their forms such as cost and fee broken out.

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(3) FFP Lump Sum: Annual Annex Resources Form (AARF)

The AARF is required only of the offeror proposed as prime; however, it requires the offeror proposed as prime to consolidate all resources data (hours and ODC) by Annex. Therefore, the offeror proposed as prime is responsible for integrating all required data (prime and all proposed subcontractor(s)) into this form. All proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. This form should reconcile to the APSF.

The offeror shall complete the AARF to show the total resources (hours and other direct costs) by year at the Annex level. Provide a separate form for each Annex identified on the form. The following provides a brief explanation of the line items included on the form:

a. **Labor Hours:** The offeror shall provide a complete schedule of all proposed labor in sufficient detail to allow for the analysis of labor requirements time-phased and identified by labor categories listed on Schedule B. The information provided on this form must be at the Annex level. Do not provide this information by task level. Provide a separate detailed narrative explaining the reason for proposing the skills and hours for each Annex.

b. **ODC:** The offeror shall provide an estimated cost for ODC that shall include, but not be limited to, materials and minor subcontracts. ODC shall be time-phased over the estimated term of the contract. The rationale shall support the quantity of ODC (e.g., materials, equipment and other).

Note 1: The basis of estimate (BOE) narrative can address the estimate down to the task level if necessary. For Example, your estimate for Annex 1 may be XYZ hours and it is comprised of "123" hours for 1.3.1 and "456" hours for 1.4.1 and so forth. Your BOE narrative explanation may address the significant task that comprise the total Annex. It is important that sufficient information is provided to convince the Government that you understand the requirements and proposed adequate and sufficient resources to satisfy the requirements. A cost realism analysis will be performed; therefore, it is important to propose realistic estimates.

Note 2: The supporting rationale associated with all proposed resources shall be submitted as a word document and shall be adequately cross-referenced to facilitate a comprehensive evaluation. It is important that in this word document, you provide adequate support (cost estimating relationships, historical experience, parametric estimates, etc.) for all proposed estimates.

(4) FFP Lump Sum: Rates Form

This form is required of the offeror proposed as prime and each proposed major subcontractor. This form shall provide the Government annual labor and indirect rates. The offeror shall include all labor categories proposed on the FFP Lump Sum: AARF. The rates included on this form for direct labor shall be straight time rates.

Included on the form are the indirect rates information required. Offerors shall provide a written explanation for each rate proposed. For example: "the material handling rate of XYZ% is based on the latest budgetary data audited by XYZ for calendar year 01."

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D. ID/IQ COST PROPOSAL INSTRUCTIONS

This section requires the submittal of rates data to be used for both ID/IQ cost reimbursement (CR) task orders and firm fixed priced (FFP) delivery orders. It is important that the proposed rates are realistic. The loaded labor rates on the ID/IQ Loaded Labor Cost – Annex 13 form will be used for CR task orders, while the bare labor rates on the ID/IQ Bare Labor Cost – Annex 6 form will be used for the FFP delivery orders. The forms that are required in this section are as follows:

ID/IQ Development Form – Annex 13

ID/IQ Contract Rates – Annex 13

ID/IQ Bare Labor Cost – Annex 6

Coefficient Factor – Means Cost Data Normal work Hours

Coefficient Factor – Means Cost Data Other Than Normal Work Hours

Coefficient Factor – Non-Prepriced Work Normal Work Hours

Coefficient Factor – Non-Prepriced Work Other Than Normal Work Hours

Coefficient Factor – Subcontracted Work

Coefficient Factor – Materials and Equipment Rental

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All labor categories included in Section B must be included on the ID/IQ forms with your proposed rates. If there are anticipated labor categories that are not included in Section B and you believe they will be required in performing the functions, include the following information: the name of the category (if non-exempt, the name as per the DOL WD or the CBA) and a brief job description.

These forms will be used to evaluate the ID/IQ portion of the offeror's proposal. The offeror is required to submit all direct, indirect and fee/profit rates as required on the forms. NASA will use an internally developed pricing model to evaluate the ID/IQ effort. The model will apply your proposed unit prices, rates and factors against an anticipated set of requirements. This model will not be provided to offerors. The model will be used for evaluating differences in rates and to assess the impact of the offerors proposed rates. This internal model will be used for evaluation purposes only and will reflect a representative sample of resources required in the SOW. This model will be applied consistently to all offerors to develop an estimated cost/price for selection purposes. Any differences in proposed direct and indirect rates that occur between this section and other sections of the must be adequately justified and explained.

Each of the ID/IQ forms are explained below:

(1) ID/IQ Development Form – Annex 13

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The rates provided on this form will be used for cost reimbursement task orders. You should escalate the rates for DOL WD non-exempt personnel. These rates will not be adjusted in the contract when DOL issues new wage determinations.

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This form is required of the prime offeror and each subcontractor anticipated in performing ID/IQ work. This form shall be completed for each year

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of the five-year contract. The left side of the form is structured so that the offeror may view all the non-exempt and exempt labor classifications as listed in the price schedule contained in Section B. The second column requires the offeror to provide the corresponding straight time labor rate per labor category. The third column requires the hourly fringe rate per labor category. For non-exempt personnel, the proposed rates must be at least equal to the

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applicable DOL Wage Determination rates. For exempt personnel, the rates proposed must be explained and supported by adequate pricing data such as company history, survey data, etc. The fourth through the seventh column is to account for all the company's indirect expense (overhead, G&A, etc.). The eighth column should include subcontractor fee/profit only. The prime offeror's fee will be determined when the task order is issued under Annex 13 and shall not be greater than the NTE fee rate proposed for this area. The last column is used to reference the basis of estimate.

In addition, provide in a separate word file attachment a Basis of Estimate for each of the line items listed in Section B.9 Pre-established Annex 13 Cost Values. The Basis of Estimate shall address how each unit cost was determined. For example, the Inspection for Cooling Tower under 13.2, Sub-identifier UEE1001, you should address the direct labor hours, all direct and indirect rates, material costs and all other direct costs in arriving at the unit prices.

(2) Contract Rates – Annex 13

This form is only required of the prime offeror. However, the prime offeror must consolidate the subcontractors data and appropriately include those cost rates into this form, where applicable. Subcontractors must provide their fully burdened rates to the prime offeror to allow for this to occur. Include some rationale in the basis of estimate area if the prime applies an indirect cost rate such as a subcontractor handling charge. This form should have no blanks; therefore, every labor category on this form should be proposed with a fully burdened cost rate for each year of the contract.

Provide an explanation of how these rates were derived and the assumptions made regarding subcontractors. It is important that you provide all assumptions used in developing these combined rates. If the prime offeror and a proposed subcontractor will be providing labor resources each for one labor category; you must provide your assumption regarding the percentage that each will contribute to the development of the combined rate.

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(3) ID/IQ Bare Labor Cost – Annex 6

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The rates provided on this form will be used for fixed priced delivery orders. It is important that you take this into consideration when developing these rates. You should not escalate the rates for DOL WD non-exempt personnel. These rates will be adjusted in the contract when DOL issues new wage determinations.

This form is required only of the offeror proposed as prime. However, the offeror is required to consolidate the rates data. The offeror proposed as prime is responsible for integrating all required resources (offeror proposed as prime and subcontractor(s)) into this form. Therefore, all proposed subcontractors should provide the required data to their appropriate prime for integration into a consolidated form. This form shall be completed for each year of the five year contract. The left side of the form is structured so that the offeror may input all the DOL Wage Determination and exempt labor classifications as listed in the price schedule contained in Section B. The second column requires the offeror to provide the corresponding straight time labor rate per labor category. The third column requires the hourly fringe rate per labor category. For non-exempt personnel, the proposed rates must be at least equal to the applicable DOL Wage Determination rates. For exempt personnel, the rates proposed must be explained and supported by adequate pricing data such as company history, survey data, etc. The fourth column is the bare cost which is the combination of the labor rate and the associated fringe rate. The fifth column is used to reference the basis of estimate.

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Those labor categories not covered under the wage determination shall be provided as a composite of the prime offeror and proposed subcontractor(s) combined as a weighted average or other basis of estimate that is appropriate to arrive at one rate. Provide an explanation of how these rates were derived and the assumptions made regarding proposed subcontractors. It is important that you provide all assumptions used in developing these combined rates. If the prime offeror and a proposed subcontractor will be providing labor resources each for one labor category; you must provide your assumption regarding the percentage that each will contribute to the development of the combined rate.

(4) Coefficient Factor Forms

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Only the offeror proposed as prime contractor shall complete these forms. Of the six Coefficients Factor Forms included in the instructions, two apply to both Annex 6 and 13 (i.e. Subcontracted Work Coefficient and the Materials and Equipment Rental Coefficient). The remaining forms (i.e. Means Cost Coefficient for Normal Work Hours, Means Coefficient for Other Than Normal Work Hours, Non Pre-priced Work for Normal Work Hours, and Non Pre-priced Work for Other Than Normal Work Hours) apply only to Annex 6. These forms address factors that will be applied to bare labor, subcontract, material, or equipment rental prices to address the burden cost (administrative and non-labor) required for a particular task.

The following lists the six coefficients:

1. Means Cost Coefficient Factors for Normal Work Hours
2. Means Cost Coefficient Factors for Other Than Normal Work Hours
3. Non Pre-priced Work for Normal Work Hours
4. Non Pre-priced Work for Other Than Normal Work Hours
5. Subcontracted Work Coefficient
6. Materials and Equipment Rental Coefficient

A description of each of the six coefficients and the cost/price elements to be contained within each is provided in Annex 6. Each coefficient proposed shall include all such elements.

E. LABOR RELATIONS FORMS

The following compensation forms are required in order for the Government to perform an evaluation of your labor relations. These forms will be used in conjunction with data provided in the "Labor Relations" section for evaluation. These forms should reconcile with the cost templates described above, wherever applicable.

a. Compensation Form (a): SALARIES AND WAGES NON-EXEMPT - CONTRACT YEAR 1

The offeror shall submit a completed Compensation Form a for non-exempt personnel in the first contract year only. This form is required of the offeror proposed as prime and all proposed major subcontractors. The offer should include the DOL WD or CBA number at the top of the form. A separate form is required for each DOL WD and/or CBA. In the "LABOR CATEGORY - Offeror's" column, list all labor classifications included in the proposal, by titles from the offeror's estimating system. The "Number of Proposed Personnel" is required for each row on the form containing a "LABOR CATEGORY - Offeror's". The "Proposed Average Labor Rate" is the Contract Year 1 labor costs divided by the number of hours proposed for that labor category. The "Lowest Labor Rate" and "Highest Labor Rate" are the lowest and highest wage rates included in the proposal for each labor classification listed under the "LABOR CATEGORY - Offeror's" column.

Deleted: . In the adjacent column, "LABOR CATEGORY - Government", match each of the "Offeror's" classifications to one of the categories listed on the applicable DOL WD.

b. Compensation Form (b): SALARIES AND WAGES EXEMPT - CONTRACT YEAR 1

The offeror shall submit a completed Compensation Form b for exempt personnel in the first contract year only. This form is required of the offeror proposed as prime and all proposed major subcontractors. In the "LABOR CATEGORY - Offeror's" column, list all labor classifications included in the proposal, by titles from the offeror's estimating system. The "Number of Proposed Personnel" is required for each row on the form containing a "LABOR CATEGORY - Offeror's". The "Proposed Average Labor Salary" is the Contract Year 1 labor costs divided by the number of personnel proposed for that labor category. The "Lowest Labor Salary" and "Highest Labor Salary" are the lowest and highest salaries included in the proposal for each labor classification listed under the "LABOR CATEGORY - Offeror's" column.

c. Compensation Form (c): FRINGE BENEFITS ANALYSIS OF COMPENSATION PACKAGE - Contract Year 1

A separate Form c shall be completed for Exempt, Non-Exempt Nonunion, and Non-Exempt Union direct labor. It should be noted that the minimum hourly fringe benefits rate can not be less than the DOL specified minimum rate listed in the RFP under Section J for non-exempt employees. The column entitled, "Cost of Fringe Benefit" should include the cost, not rate, associated with the fringes specified (i.e. life insurance, disability insurance, etc.) that are proposed on this contract for each of the related personnel type

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(exempt, non-exempt union/non-union). The next column entitled, "Percent of Payroll" should include the percentage of each of the related specified fringe costs as a percent of payroll (direct labor cost). The third column should include hourly rates based on the average cost per labor hour proposed per specified fringe.

Deleted:

**d. Compensation Form (d): PERSONNEL AND FRINGE BENEFITS POLICIES
– Contract Year 1**

This form provides a standard format to disclose, by employee category, the application of personnel policies and fringe benefits which shall be in effect at the time of award. Although only brief explanations are desired, sufficient information is required to allow an evaluation and estimate of all potential costs which will arise upon award of the contract. Comments are required pertaining to all items listed below under the proper column, whether or not the policy is written. The established practice of the Offeror and applicability to this proposal shall be provided. If the items below are not applicable, so state. Items pertinent to the Offeror which are not identified must be included if cost recovery is anticipated.

PAST PERFORMANCE DATA

1. COSS Prime Contractor/Team Member:
2. COSS Annex Number that Prime Contractor/Team Member above will perform:
3. Referenced Contract Information:
 - A. Name and Address of Customer
 - B. Contract Number:
 - C. Annual Value of Contract:
 - D. Contract Type:
 - E. Contract Performance Location:
 - F. Period of Performance: From: To:
 - G. Cognizant Contracting Officer:
(If commercial, customers business manager)

Name:
Address:
Telephone Number:
Email Address:
Time of day can be reached (Houston, TX cst.):
 - H. Cognizant Technical Manager:

Name:
Address:
Telephone Number:
Email Address:
Time of day can be reached (Houston, TX cst.):
4. Work performed on referenced contract:
5. How related project work correlates with COSS annex the Prime Contractor/Team Member will perform:

Note: Offerors are permitted to reformat this form to the extent required to provide adequate space to provide all required information.

Section L RFP Form 1, Page 2 of 3

PAST PERFORMANCE DATA

Annex	Function Specific Experience			
	Extensive	Substantial	Moderate	None
1. Administrative Support				
2. Maintenance And Repair				
3. Directed Services				
4. Operations				
5. Engineering				
6. Non-Routine Fix Price IDIQ				
7. Grounds Maintenance				
8. Information Technology				
9. Environmental Program				
10. Supply				
11. Property And Equipment				
12. Transportation				
13. Non-Routine Cost Reimbursable IDIQ				
14. Custodial				

Note: Offerors are permitted to reformat this form to the extent required to provide adequate space to provide required information.

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Section L RFP Form 2, Page 1 of 3

EXPERIENCE DATA

KEY PERSONNEL RESUME

Proposed Position Title _____

Proposed Annual Salary _____

Name _____

CURRENT POSITION:

Title _____

Time in Current Position _____

Annual Salary _____

Number of Personnel Directly Supervised in Current Position _____

Responsible for a Total Workforce of _____ (Number of people)

Description and Scope of Current Job:

*EMPLOYER REFERENCE
NAME AND PHONE NO.

*CUSTOMER REFERENCE
NAME AND PHONE NO.

NOTE: It is the offeror's responsibility to ensure that all references and their phone numbers are current and correct.

Section L RFP Form 2, Page 2 of 3

EXPERIENCE DATA

NAME: _____

WORK EXPERIENCE

*PAST 10 YEARS IN CHRONOLOGICAL ORDER

Date

Employer Reference
Name and Phone No.

Customer Reference
Name and Phone No.

Description and Scope of Job:

*Use separate page for each work period.

Section L RFP Form 2, Page 3 of 3

EXPERIENCE DATA

NAME: _____

Education: College Degree(s) _____ if yes, cite Degree(s)
YES NO

Date Received _____

University _____

Major/Minor _____

Professional and/or Technical Training (list):

<u>Type of Training</u>	<u>Where Received</u>	<u>Date</u>
-------------------------	-----------------------	-------------

_____ has [] (has not []) been contacted, is [] (is not []) committed to the proposed position and has [] (has not []) indicated a willingness to accept the salary proposed.

Brief statement of why the proposed individual is uniquely qualified for the proposed position and what percent of his/her total available time will be devoted to this program.

SECTION M

EVALUATION FACTORS FOR AWARD

M.1 EVALUATION OF OPTIONS (FAR 52.217-5)(JUL 1990)

Except when it is determined in accordance with FAR 17.206(b) not to be in the Government's best interests, the Government will evaluate offers for award purposes by adding the total price for all options to the total price for the basic requirement. Evaluation of options will not obligate the Government to exercise the option(s).

(End of provision)

SECTION M - PART II

EVALUATION FACTORS FOR AWARD

1.0 GENERAL - The proposals will be evaluated by a Source Evaluation Board (SEB) in accordance with applicable regulations which include the FAR and the NASA FAR Supplement. The SEB will be supported by appropriate personnel in conducting the evaluation. The SEB will carry out the evaluation activities and report its findings to the Source Selection Authority (SSA), who is responsible for making the source selection decision.

2.0 SOURCE EVALUATION - Proposals will be evaluated in accordance with the following factors: Mission Suitability, Past Performance and Cost/Price. A brief description of each of these factors is set forth below. Only the Mission Suitability factor will be weighted and scored. The Government's intent regarding discussions with offerors in the competitive range is set forth in provision 52.215-1 (Alternate I) in Section L.

3.0 MISSION SUITABILITY FACTOR - The Mission Suitability factor and associated subfactors are used to assess the merit of the work or product proposed and the ability of the offeror to actually provide what is offered. Proposals will be evaluated and scored numerically based on the subfactors set forth in 3.1 below.

3.1 MISSION SUITABILITY SUBFACTORS

3.1.1 Subfactor: Safety and Health Plan

Under this subfactor, an evaluation will be made of the effectiveness of the offeror's proposed safety and health plan.

3.1.2 Subfactor: Plan for Small Business Subcontracting Goals

Under this subfactor, an evaluation will be made of the effectiveness of the offeror's proposed plan for achieving or surpassing NASA's small business subcontracting goals.

3.1.3 Subfactor: Management Approach

Under this subfactor, an evaluation will be made of the effectiveness of the offeror's proposed management plans (including Quality Control, Environmental Compliance, Phase-in (Transition), Labor Relations Plan), organizational approach and staffing. This evaluation will also include evaluation of the past performance, education, overall capability and commitment of proposed key personnel.

3.1.4 Subfactor: Technical Performance

Under this subfactor, an evaluation will be made of the offeror's demonstrated understanding of the requirements (at both the general level and annex level) and an evaluation will be made of the effectiveness and efficiency of the offeror's proposed customer support, dissemination of information, as well as other tools or systems the offeror proposes to use in order to enhance its ability to satisfy contract requirements.

Information provided in Volume IV of each offeror's proposal, such as resources, staffing, skill mix, and supervisor to employee ratios, will also be considered when assessing the offeror's understanding of the requirements.

3.2 RELATIVE IMPORTANCE OF SUBFACTORS

The Mission Suitability subfactors and their corresponding weights reflecting relative importance are listed below. These weights are intended to be used as a guideline in the source selection decision-making process.

<u>Subfactor</u>	<u>Points</u>
Safety and Health Plan	100
Plan for Small Business Subcontracting Goals	100
Management Approach	400
Technical Performance	400

4.0 PAST PERFORMANCE FACTOR

Past Performance indicates how well an offeror performed on earlier work and can be a significant indicator of how well it can be expected to perform the work at hand.

Offerors' Past Performance, including past performance under other contracts, safety and environmental performance, quality system experience, and historical financial performance and condition, will be evaluated separately by the SEB, but will not be numerically weighted and scored. The evaluation will be based on information provided by offerors in their proposals, as well as any other information obtained independently by the SEB. In accordance with FAR 15.305(a)(2)(iv), an offeror without a record of relevant past performance, or for whom information on past performance is not available, may not be evaluated favorably or unfavorably on past performance. In such event, an offeror with no discernable relevant experience and past performance will receive a neutral rating. The results of the Board's evaluation will be presented to the SSA for his/her consideration.

Deleted: relevant experience

5.0 COST/PRICE FACTOR

5.1 Cost - This factor applies to the cost reimbursement portion of proposals. The Cost factor is that factor which indicates the validity, realism and adequacy of each cost proposal and the probable cost that will be incurred in the performance of this effort. The evaluation of the Cost factor will include an assessment of the cost of doing business with each offeror, predicted growth in proposed cost during the performance of the work, and the features of each offeror's situation that would cause its proposed effort to cost more or less than that of other offerors.

The SEB will evaluate proposed costs and establish the probable cost of doing business with each offeror; however, it will not use weighting and scoring in this area.

For purposes of proposal evaluation and source selection, the probable cost of the initial base period and the option periods will be considered under the Cost factor. Mission Suitability points will be adjusted based on the percentage difference between proposed and probable costs as follows:

Deleted: The cost of phase-in (if proposed) will be considered under the Cost factor but will not be included in the probable cost for selection purposes.¶

Proposed and Probable Cost Difference	Point Adjustment
+/-0 to 5 percent	0
+/-6 to 10 percent	-50
+/-11 to 15 percent	-100
+/-16 to 20 percent	-150
+/-21 to 30 percent	-200
+/-more than 30 percent	-300

5.2 **Price** – The Government will perform a price analysis of the firm fixed price portions of all proposals received in accordance with FAR 15.404-1. The price of phase-in (if proposed) will be considered under the Cost/Price factor but will not be included in the probable price for selection purposes.

5.3 **ID/IQ** – The Government will use a model to evaluate the ID/IQ work. This model will evaluate the impact of proposed rates, coefficient factors, and proposed fee against an estimated future set of ID/IQ requirements. An estimated amount will be developed using this model and the amount will be used for selection purposes only. This amount will not go into the contract, since the actual price for ID/IQ work will only be determinable when work is actually ordered.

The results of the Government's Cost/Price evaluation will be presented to the SSA for his/her consideration in making the source selection decision.

6.0 **RELATIVE IMPORTANCE OF EVALUATION FACTORS** - Of the evaluation factors identified above, Mission Suitability, and Past Performance, when combined, are approximately equal to Cost/Price.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 1 PAGES
2. AMENDMENT/MODIFICATION NO. 2	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA JSC Attn: SEB 416/Charles Bell 2101 NASA Road 1 Houston, TX 77058 FAX 281-483-2013/281-483-1139		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP Code)		(<input checked="" type="checkbox"/>) 9A. AMENDMENT OF SOLICITATION NO. 9-BJ32-T63-0-24P	(<input checked="" type="checkbox"/>) 9B. DATED (SEE ITEM 11) July 25, 2001
		10A. MODIFICATION OF CONTRACT/ORDER NO.	
		10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☒ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(<input checked="" type="checkbox"/>) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D. OTHER Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return ____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

To address schedule concerns expressed by potential offerors and in consideration of time required by potential offerors to incorporate forthcoming amendment(s) resulting from the August 3rd Cost/Price Briefing at JSC and responding to the final round of industry questions, the proposal submission date has been extended by 14 days from August 24, 2001, to September 7, 2001. The Government currently plans to amend the RFP to address changes to the Cost/Price forms and instructions on or about Wednesday, August 15, 2001. Similarly, the Government currently plans to amend the RFP as necessary to respond to the final round of industry questions on or about Friday, August 17, 2001.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type Charles C. Bell)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Original Signed by) (Signature of Contracting Officer)	Aug 10, 2001

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 5 PAGES
2. AMENDMENT/MODIFICATION NO. 1	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY NASA JSC Attn: SEB 416/Charles Bell 2101 NASA Road 1 Houston, TX 77058 FAX 281-483-2013/281-483-1139		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP Code)		(<input checked="" type="checkbox"/>) 9A. AMENDMENT OF SOLICITATION NO. 9-BJ32-T63-0-24P	(<input checked="" type="checkbox"/>) 9B. DATED (SEE ITEM 11) July 25, 2001
CODE		10A. MODIFICATION OF CONTRACT/ORDER NO.	
FACILITY CODE		10B. DATED (SEE ITEM 13)	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☒ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(<input checked="" type="checkbox"/>) A.	THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B.	THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C.	THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D.	OTHER Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return ___ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The amendment accomplishes the following:

1. Replaces General Wage Decision TX010010, Modification 1, dated 4/13/01 with General Wage Decision TX010010, Modification 3, dated 7/6/01. Replacement Pages are provided as pages 2 through 5 of this amendment.
2. Replaces the Cost/Price forms identified as "ID/IQ.xls" and "Comp forms.xls" in Section L of the RFP. The replacement forms are posted to the NASA Acquisition Internet Service [http://procurement.nasa.gov] as part of this amendment.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type Charles C. Bell)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Original Signed by) (Signature of Contracting Officer)	
		Aug 1, 2001	

GENERAL DECISION **TX010010** 07/06/01 TX10
General Decision Number **TX010010**

Superseded General Decision No. TX000010

State: TEXAS

Construction Type:
BUILDING

County(ies):
GALVESTON HARRIS

BUILDING CONSTRUCTION PROJECTS (does not include single family homes & apartments up to & including 4 stories). (Use current highway general wage determination for Paving & Utilities incidental to Building Construction for Galveston (excluding Galveston Island) & Harris Cos.) (DOES NOT APPLY TO ANY WORK ON TREATMENT PLANT SITES IN HARRIS CO.)

Modification Number	Publication Date
0	03/02/2001
1	04/13/2001
2	05/11/2001
3	07/06/2001

COUNTY(ies):
GALVESTON HARRIS

ASBE0022A 06/01/1999

	Rates	Fringes
INSULATOR/ASBESTOS WORKERS (includes application of all insulationg materials, protec- tive coverings, coatings and finishing to all types of mechanical systems)	17.59	5.75

BRTX0001A 11/01/1999

	Rates	Fringes
GALVESTON COUNTY		
BRICKLAYERS & STONEMASONS	16.05	3.05

BRTX0007A 01/01/1999

	Rates	Fringes
HARRIS COUNTY		
BRICKLAYERS & STONEMASONS	15.55	4.65

* ELEV0031A 06/29/2001

	Rates	Fringes
ELEVATOR MECHANICS	22.99	7.195+a

FOOTNOTES:

a.- Employer contributes 8% of basic hourly rate for over 5 years' service and 6% of basic hourly rate for 6 months to 5 years' service as Vacation Pay Credit. Paid Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Friday after Thanksgiving Day; Christmas Day.

ENGI0450E 04/01/2001

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		

GALVESTON COUNTY

Cranes	19.81	3.89
Forklifts	19.81	3.89

HARRIS COUNTY

Crane	18.34	4.65
Forklifts	18.34	4.65

FOOTNOTE: +1.00 per hour differential paid to all certified tower crane operators and all certified crane operators of 100 tons capacity and over

IRON0084A 06/01/2000

	Rates	Fringes
IRONWORKERS	17.27	4.20

* PAIN1008A 07/01/2001

	Rates	Fringes
GLAZIERS	17.60	4.59

PAIN1008D 10/03/1999

	Rates	Fringes
SOFT FLOOR LAYERS	15.30	1.11

PLAS0079A 04/01/1993

	Rates	Fringes
PLASTERERS	16.55	1.94

PLUM0068A 04/01/2001

	Rates	Fringes
PLUMBERS	22.73	5.50

PLUM0211A 04/01/2001

	Rates	Fringes
PIPEFITTERS (including HVAC WORK)	21.71	7.35

SFTX0669A 04/01/2001

	Rates	Fringes
SPRINKLER FITTERS	22.62	7.35

SHEE0054A 04/01/2000

	Rates	Fringes
SHEET METAL WORKERS (Including HVAC Duct Work)	20.15	5.54

SUTX1082A 04/01/1989

	Rates	Fringes
CARPENTERS:		
Excluding Drywall Hangers and Acoustical Ceiling	13.45	2.42
Acoustical Ceiling Installation Only	12.65	
Drywall Hanging Only	10.99	
CEMENT MASONS	13.43	2.18
ELECTRICIANS (Including Low Voltage Work)	14.68	3.83
LABORERS, Unskilled	7.20	
PAINTERS (Including Drywall Finishers)	12.02	3.30
POWER EQUIPMENT OPERATORS:		
Backhoes	11.79	
Front End Loaders	12.17	
ROOFERS	10.94	
TILE SETTERS	14.41	
TRUCK DRIVERS	10.63	

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination

- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.
END OF GENERAL DECISION